

Alliant Engineering Inc Minneapolis, MN 55415

Northwest Blvd at Campus Drive
Ref.Pt.: North of TH-55
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 50_Northwest Blvd at Campus Dr_012011
Site Code : 00000050
Start Date : 1/20/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Northwest Blvd / Co.Rd.61 Southbound				Campus Drive Westbound				Northwest Blvd / Co.Rd.61 Northbound				Campus Drive Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	9	40	9	0	12	2	0	0	21	9	10	0	4	1	8	0	125
06:15	5	56	15	0	13	3	2	0	32	16	15	0	0	0	18	0	175
06:30	12	73	18	0	25	1	1	0	38	21	14	0	2	1	24	0	230
06:45	17	141	36	0	28	9	5	0	67	33	24	0	1	0	26	0	387
Total	43	310	78	0	78	15	8	0	158	79	63	0	7	2	76	0	917
07:00	11	164	25	0	33	9	3	0	60	28	24	0	3	0	41	0	401
07:15	41	213	39	0	39	13	6	0	101	39	13	0	4	5	55	0	568
07:30	41	292	42	0	51	11	16	0	129	44	28	0	4	4	62	0	724
07:45	40	281	33	0	50	16	9	0	167	43	16	0	4	3	74	0	736
Total	133	950	139	0	173	49	34	0	457	154	81	0	15	12	232	0	2429
08:00	27	245	58	0	31	13	5	0	120	62	23	0	8	2	57	0	651
08:15	18	192	45	0	38	11	9	0	151	71	20	0	7	2	56	0	620
08:30	21	151	27	0	41	13	8	0	99	52	19	0	7	3	54	0	495
08:45	14	123	30	0	32	7	6	0	120	50	22	0	15	1	72	0	492
Total	80	711	160	0	142	44	28	0	490	235	84	0	37	8	239	0	2258
09:00	23	64	15	0	26	5	6	0	87	53	28	0	10	2	60	0	379
09:15	14	58	17	0	25	12	12	0	91	31	26	0	9	3	47	0	345
*** BREAK ***																	
Total	37	122	32	0	51	17	18	0	178	84	54	0	19	5	107	0	724
*** BREAK ***																	
10:30	9	36	20	1	21	2	8	0	56	20	12	0	12	3	74	0	274
10:45	5	45	10	0	22	2	7	0	75	30	11	0	10	3	66	0	286
Total	14	81	30	1	43	4	15	0	131	50	23	0	22	6	140	0	560
11:00	9	47	15	0	29	7	6	0	110	38	25	0	22	4	86	0	398
11:15	17	52	18	0	24	8	10	0	63	62	34	0	11	2	100	0	401
11:30	18	63	9	0	32	9	4	0	92	40	26	0	17	9	121	0	440
11:45	17	44	12	0	27	14	11	0	104	54	20	0	28	2	112	0	445
Total	61	206	54	0	112	38	31	0	369	194	105	0	78	17	419	0	1684
12:00	4	79	14	0	37	11	9	0	99	50	20	0	18	3	125	0	469
12:15	13	45	20	0	36	9	9	0	97	44	14	0	12	3	104	0	406
12:30	14	62	13	0	59	11	10	0	137	66	24	0	6	4	126	1	533
12:45	16	75	18	0	62	6	11	0	138	44	29	0	12	5	102	0	518
Total	47	261	65	0	194	37	39	0	471	204	87	0	48	15	457	1	1926
13:00	17	54	10	0	45	9	11	0	104	59	27	0	10	5	98	0	449
13:15	10	40	18	0	52	11	12	0	121	61	13	0	9	2	77	0	426
*** BREAK ***																	
Total	27	94	28	0	97	20	23	0	225	120	40	0	19	7	175	0	875
*** BREAK ***																	
14:30	7	43	6	0	30	5	11	0	53	59	9	0	13	3	73	0	312
14:45	10	55	8	0	33	7	13	0	69	69	10	0	7	3	70	0	354
Total	17	98	14	0	63	12	24	0	122	128	19	0	20	6	143	0	666
15:00	7	67	13	0	38	2	6	0	43	80	18	0	4	2	79	0	359
15:15	4	40	11	0	35	9	11	0	55	90	21	0	9	1	56	0	342
15:30	6	60	8	0	31	7	9	0	62	159	13	0	17	1	89	0	462
15:45	15	59	10	0	25	6	8	0	61	175	14	0	21	2	82	0	478
Total	32	226	42	0	129	24	34	0	221	504	66	0	51	6	306	0	1641

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Groups Printed- Unshifted - Bank 1

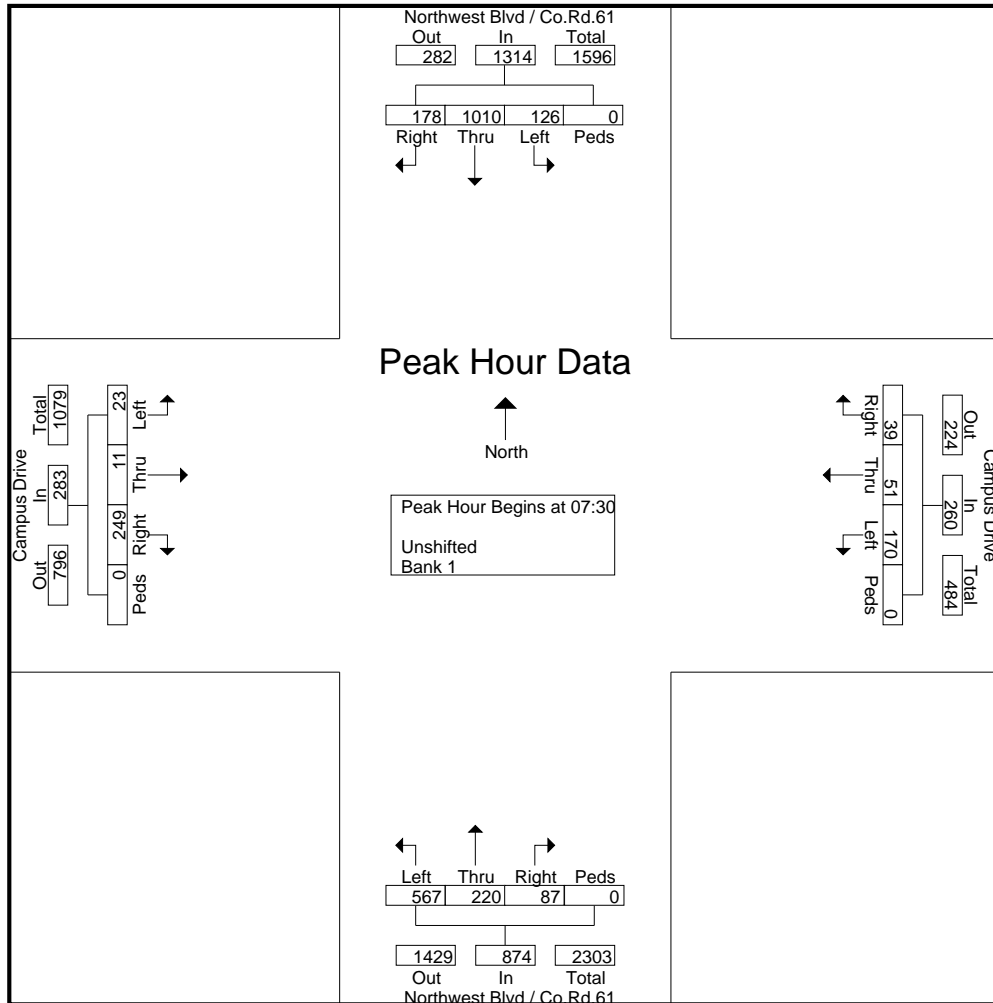
Start Time	Northwest Blvd / Co.Rd.61 Southbound				Campus Drive Westbound				Northwest Blvd / Co.Rd.61 Northbound				Campus Drive Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	14	47	9	0	40	5	16	0	34	234	25	0	20	3	102	0	549
16:15	8	56	9	0	36	1	19	0	40	215	19	0	14	4	103	0	524
16:30	11	74	9	0	36	3	18	0	62	280	16	0	30	1	118	0	658
16:45	13	71	9	0	48	1	14	0	53	274	22	0	25	7	110	0	647
Total	46	248	36	0	160	10	67	0	189	1003	82	0	89	15	433	0	2378
17:00	18	73	6	0	40	5	19	0	46	278	16	0	24	4	136	0	665
17:15	7	72	2	0	33	7	10	0	51	330	24	0	22	3	123	0	684
17:30	11	69	9	0	27	5	12	0	48	263	12	0	18	2	104	0	580
17:45	8	57	10	0	28	6	9	0	39	248	37	0	9	1	68	0	520
Total	44	271	27	0	128	23	50	0	184	1119	89	0	73	10	431	0	2449
Grand Total	581	3578	705	1	1370	293	371	0	3195	3874	793	0	478	109	3158	1	18507
Apprch %	11.9	73.5	14.5	0	67.4	14.4	18.2	0	40.6	49.3	10.1	0	12.8	2.9	84.3	0	
Total %	3.1	19.3	3.8	0	7.4	1.6	2	0	17.3	20.9	4.3	0	2.6	0.6	17.1	0	
Unshifted	569	3507	694	1	1322	287	358	0	3157	3805	753	0	470	109	3120	1	18153
% Unshifted	97.9	98	98.4	100	96.5	98	96.5	0	98.8	98.2	95	0	98.3	100	98.8	100	98.1
Bank 1	12	71	11	0	48	6	13	0	38	69	40	0	8	0	38	0	354
% Bank 1	2.1	2	1.6	0	3.5	2	3.5	0	1.2	1.8	5	0	1.7	0	1.2	0	1.9

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Start Time	Northwest Blvd / Co.Rd.61 Southbound					Campus Drive Westbound					Northwest Blvd / Co.Rd.61 Northbound					Campus Drive 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 07:30																					
07:30	41	292	42	0	375	51	11	16	0	78	129	44	28	0	201	4	4	62	0	70	724
07:45	40	281	33	0	354	50	16	9	0	75	167	43	16	0	226	4	3	74	0	81	736
08:00	27	245	58	0	330	31	13	5	0	49	120	62	23	0	205	8	2	57	0	67	651
08:15	18	192	45	0	255	38	11	9	0	58	151	71	20	0	242	7	2	56	0	65	620
Total Volume	126	1010	178	0	1314	170	51	39	0	260	567	220	87	0	874	23	11	249	0	283	2731
% App. Total	9.6	76.9	13.5	0		65.4	19.6	15	0		64.9	25.2	10	0		8.1	3.9	88	0		
PHF	.768	.865	.767	.000	.876	.833	.797	.609	.000	.833	.849	.775	.777	.000	.903	.719	.688	.841	.000	.873	.928



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Start Time	Northwest Blvd / Co.Rd.61 Southbound					Campus Drive Westbound					Northwest Blvd / Co.Rd.61 Northbound					Campus Drive 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 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	11	74	9	0	94	36	3	18	0	57	62	280	16	0	358	30	1	118	0	149	658
16:45	13	71	9	0	93	48	1	14	0	63	53	274	22	0	349	25	7	110	0	142	647
17:00	18	73	6	0	97	40	5	19	0	64	46	278	16	0	340	24	4	136	0	164	665
17:15	7	72	2	0	81	33	7	10	0	50	51	330	24	0	405	22	3	123	0	148	684
Total Volume	49	290	26	0	365	157	16	61	0	234	212	1162	78	0	1452	101	15	487	0	603	2654
% App. Total	13.4	79.5	7.1	0		67.1	6.8	26.1	0		14.6	80	5.4	0		16.7	2.5	80.8	0		
PHF	.681	.980	.722	.000	.941	.818	.571	.803	.000	.914	.855	.880	.813	.000	.896	.842	.536	.895	.000	.919	.970

