

Alliant Engineering Inc Minneapolis, MN 55415

Flying Cloud Drive at Valley View Rd Name : 12_Valley View Road at TH 212 East Ramp Flying Cloud Drive
 Eden Prairie Site Code : 00000012
 data by: Alliant Engineering Start Date : 10/14/2009
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	ramp to / loop from TH-212 EB / NB Southbound				Valley View Road / CSAH-39 Westbound				Flying Cloud Drive Northbound				Valley View Road / CSAH-39 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	14	4	3	0	0	0	24	0	24	65	4	1	9	89	52	0	289
06:45	36	5	9	0	3	0	42	0	45	104	7	0	11	98	81	0	441
Total	50	9	12	0	3	0	66	0	69	169	11	1	20	187	133	0	730
07:00	41	2	10	0	4	0	54	0	56	144	12	0	18	101	76	0	518
07:15	46	5	9	0	8	52	52	0	89	153	15	0	15	130	119	0	693
07:30	55	3	10	0	7	67	94	0	95	196	17	1	26	166	119	0	856
07:45	83	12	23	0	4	107	72	0	114	190	26	0	24	213	141	0	1009
Total	225	22	52	0	23	226	272	0	354	683	70	1	83	610	455	0	3076
08:00	67	9	15	0	5	60	64	0	91	168	16	0	18	175	112	0	800
08:15	63	6	11	0	5	83	57	0	55	133	13	0	28	142	114	0	710
08:30	48	8	14	0	8	49	57	0	62	117	5	1	24	145	106	0	644
08:45	45	8	14	0	9	76	58	0	55	118	10	0	26	101	126	0	646
Total	223	31	54	0	27	268	236	0	263	536	44	1	96	563	458	0	2800
09:00	27	6	6	0	1	49	53	0	45	107	10	0	19	84	113	0	520
09:15	23	0	4	0	4	54	40	0	33	86	5	0	13	74	122	0	458
*** BREAK ***																	
Total	50	6	10	0	5	103	93	0	78	193	15	0	32	158	235	0	978
*** BREAK ***																	
10:30	6	5	3	0	11	37	34	1	40	69	7	0	17	52	104	0	386
10:45	18	3	3	0	11	63	33	0	46	75	5	0	23	75	105	0	460
Total	24	8	6	0	22	100	67	1	86	144	12	0	40	127	209	0	846
11:00	7	8	11	0	34	50	43	0	41	76	3	0	23	94	128	0	518
11:15	11	15	2	0	30	65	41	0	55	95	7	1	33	101	203	1	660
11:30	11	8	3	0	43	74	42	0	69	110	12	1	25	90	225	0	713
11:45	8	11	8	0	50	67	41	0	67	158	11	0	27	107	261	0	816
Total	37	42	24	0	157	256	167	0	232	439	33	2	108	392	817	1	2707
12:00	9	9	4	0	68	87	49	0	66	155	27	0	24	116	227	0	841
12:15	7	10	8	0	46	47	45	0	83	169	42	0	26	103	211	0	797
12:30	13	7	3	0	29	83	40	0	79	145	42	0	27	127	172	0	767
12:45	22	9	0	0	29	60	58	3	79	187	55	0	26	125	151	0	804
Total	51	35	15	0	172	277	192	3	307	656	166	0	103	471	761	0	3209
13:00	12	8	4	0	18	67	50	0	74	156	34	1	38	105	136	0	703
13:15	9	10	7	0	19	60	54	0	73	153	33	0	28	82	137	0	665
*** BREAK ***																	
Total	21	18	11	0	37	127	104	0	147	309	67	1	66	187	273	0	1368
*** BREAK ***																	
14:30	10	6	2	0	15	96	34	0	59	101	19	0	24	66	119	0	551
14:45	11	8	7	0	15	67	39	0	61	117	10	0	17	86	131	0	569
Total	21	14	9	0	30	163	73	0	120	218	29	0	41	152	250	0	1120
15:00	9	7	2	0	9	100	40	0	67	131	8	0	40	97	115	0	625
15:15	11	5	5	0	10	63	38	0	74	122	14	0	18	78	162	0	600
15:30	4	5	1	0	23	115	71	0	52	108	8	0	20	104	163	0	674
15:45	10	9	5	0	11	104	64	1	51	115	5	0	19	135	180	0	709
Total	34	26	13	0	53	382	213	1	244	476	35	0	97	414	620	0	2608
16:00	8	4	2	0	25	137	72	0	57	127	2	0	34	123	174	0	765
16:15	6	16	3	0	26	131	68	0	84	100	7	0	15	185	216	0	857
16:30	14	9	5	0	33	217	86	0	69	118	3	0	32	195	240	0	1021
16:45	8	10	6	0	28	219	52	1	91	123	4	1	25	145	255	0	968
Total	36	39	16	0	112	704	278	1	301	468	16	1	106	648	885	0	3611

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 TURN MOVEMENT COUNT Page No : 2

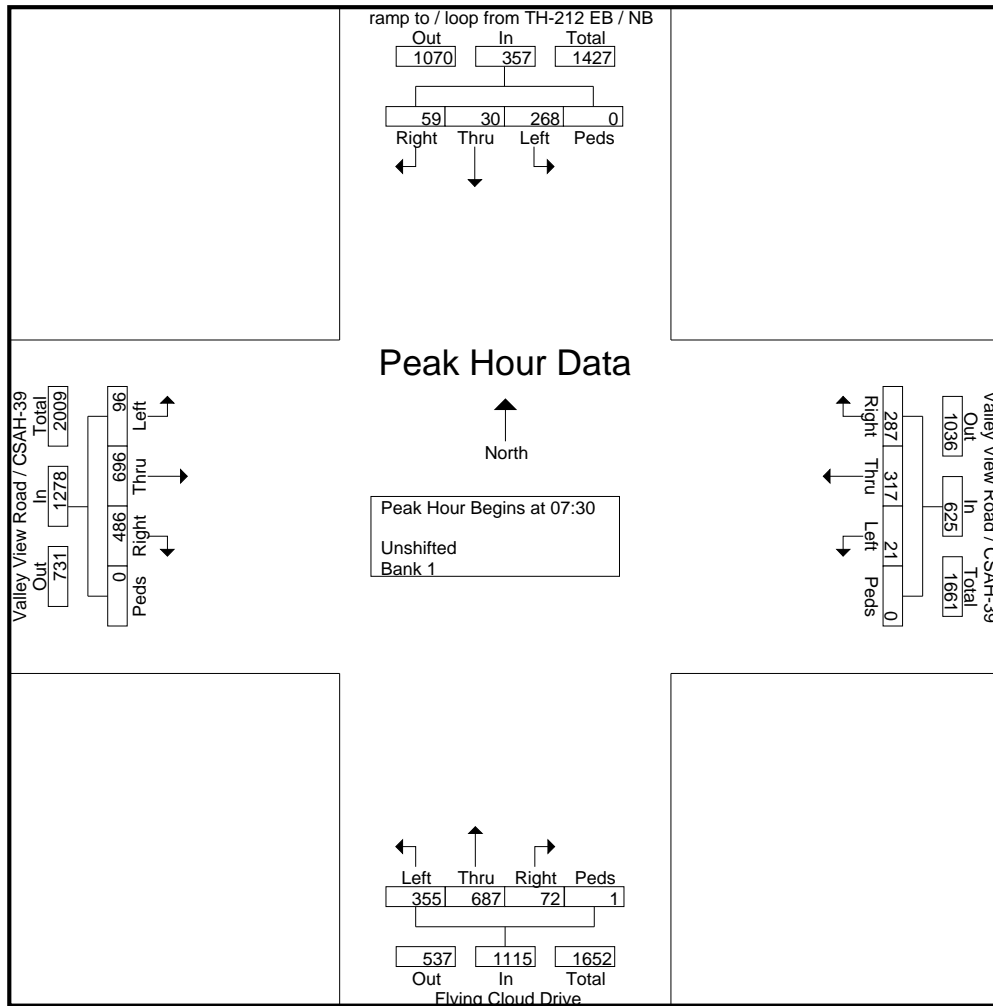
Groups Printed- Unshifted - Bank 1

Start Time	ramp to / loop from TH-212 EB / NB Southbound				Valley View Road / CSAH-39 Westbound				Flying Cloud Drive Northbound				Valley View Road / CSAH-39 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	9	13	5	0	61	204	101	0	52	115	3	0	53	182	250	0	1048
17:15	10	13	1	0	35	193	61	0	92	128	10	0	35	203	249	0	1030
17:30	10	7	3	0	39	133	58	1	57	128	4	0	26	151	226	0	843
17:45	4	10	8	0	41	101	58	0	71	125	7	0	31	162	199	1	818
Total	33	43	17	0	176	631	278	1	272	496	24	0	145	698	924	1	3739
18:00	10	11	4	0	15	126	63	0	54	142	13	0	36	149	146	0	769
18:15	1	3	3	0	12	101	47	0	73	112	3	1	19	78	155	0	608
18:30	3	13	11	1	16	82	42	0	67	98	6	0	15	75	134	0	563
18:45	2	11	3	0	14	39	37	0	60	110	4	0	14	34	150	0	478
Total	16	38	21	1	57	348	189	0	254	462	26	1	84	336	585	0	2418
Grand Total	821	331	260	1	874	3585	2228	7	2727	5249	548	8	1021	4943	6605	2	29210
Apprch %	58.1	23.4	18.4	0.1	13.1	53.6	33.3	0.1	32	61.5	6.4	0.1	8.1	39.3	52.5	0	
Total %	2.8	1.1	0.9	0	3	12.3	7.6	0	9.3	18	1.9	0	3.5	16.9	22.6	0	
Unshifted	804	322	258	1	866	3546	2210	7	2679	5147	541	8	994	4936	6485	2	28806
% Unshifted	97.9	97.3	99.2	100	99.1	98.9	99.2	100	98.2	98.1	98.7	100	97.4	99.9	98.2	100	98.6
Bank 1	17	9	2	0	8	39	18	0	48	102	7	0	27	7	120	0	404
% Bank 1	2.1	2.7	0.8	0	0.9	1.1	0.8	0	1.8	1.9	1.3	0	2.6	0.1	1.8	0	1.4

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 TURN MOVEMENT COUNT Page No : 3

Start Time	ramp to / loop from TH-212 EB / NB Southbound					Valley View Road / CSAH-39 Westbound					Flying Cloud Drive Northbound					Valley View Road / CSAH-39 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 06:30 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	55	3	10	0	68	7	67	94	0	168	95	196	17	1	309	26	166	119	0	311	856
07:45	83	12	23	0	118	4	107	72	0	183	114	190	26	0	330	24	213	141	0	378	1009
08:00	67	9	15	0	91	5	60	64	0	129	91	168	16	0	275	18	175	112	0	305	800
08:15	63	6	11	0	80	5	83	57	0	145	55	133	13	0	201	28	142	114	0	284	710
Total Volume	268	30	59	0	357	21	317	287	0	625	355	687	72	1	1115	96	696	486	0	1278	3375
% App. Total	75.1	8.4	16.5	0		3.4	50.7	45.9	0		31.8	61.6	6.5	0.1		7.5	54.5	38	0		
PHF	.807	.625	.641	.000	.756	.750	.741	.763	.000	.854	.779	.876	.692	.250	.845	.857	.817	.862	.000	.845	.836



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 TURN MOVEMENT COUNT Page No : 4

Start Time	ramp to / loop from TH-212 EB / NB Southbound					Valley View Road / CSAH-39 Westbound					Flying Cloud Drive Northbound					Valley View Road / CSAH-39 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	
16:30	14	9	5	0	28	33	217	86	0	336	69	118	3	0	190	32	195	240	0	467	1021
16:45	8	10	6	0	24	28	219	52	1	300	91	123	4	1	219	25	145	255	0	425	968
17:00	9	13	5	0	27	61	204	101	0	366	52	115	3	0	170	53	182	250	0	485	1048
17:15	10	13	1	0	24	35	193	61	0	289	92	128	10	0	230	35	203	249	0	487	1030
Total Volume	41	45	17	0	103	157	833	300	1	1291	304	484	20	1	809	145	725	994	0	1864	4067
% App. Total	39.8	43.7	16.5	0		12.2	64.5	23.2	0.1		37.6	59.8	2.5	0.1		7.8	38.9	53.3	0		
PHF	.732	.865	.708	.000	.920	.643	.951	.743	.250	.882	.826	.945	.500	.250	.879	.684	.893	.975	.000	.957	.970

Peak Hour Analysis From 14:30 to 18:45 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 16:30

