

Alliant Engineering Inc Minneapolis, MN 55415

Prairie Center Dr at Valley View Rd File Name : 14_Prairie Center Drive at Valley View Road East JCT(Co Rd 39)
 (East jct) Eden Prairie Site Code : 00000014
 data by: Alliant Engineering Start Date : 10/14/2009
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Valley View Rd Southbound				Valley View Road (East Jct) Westbound				Prairie Center Drive Northbound				commercial entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
07:15	110	78	3	0	8	0	6	0	0	106	69	0	0	0	1	0	381
07:30	112	124	2	0	14	0	10	0	3	157	82	0	1	0	1	0	506
07:45	129	193	2	0	9	0	14	0	2	168	92	0	0	0	0	0	609
Total	351	395	7	0	31	0	30	0	5	431	243	0	1	0	2	0	1496
08:00	106	152	2	0	6	0	17	0	2	112	49	0	0	0	1	0	447
08:15	87	125	6	0	13	0	12	0	1	131	45	0	2	0	0	0	422
08:30	56	140	2	0	17	0	10	0	2	102	50	0	2	1	1	0	383
08:45	60	96	1	0	10	1	13	0	5	130	18	0	0	0	1	0	335
Total	309	513	11	0	46	1	52	0	10	475	162	0	4	1	3	0	1587
09:00	47	71	3	0	14	0	6	0	2	97	24	0	0	1	2	0	267
09:15	42	58	2	0	11	1	4	0	2	91	18	0	3	0	1	0	233
*** BREAK ***																	
Total	89	129	5	0	25	1	10	0	4	188	42	0	3	1	3	0	500
*** BREAK ***																	
10:30	21	44	0	0	31	0	9	0	5	69	14	0	4	0	1	0	198
10:45	24	71	3	0	14	1	17	0	0	87	18	0	3	0	1	0	239
Total	45	115	3	0	45	1	26	0	5	156	32	0	7	0	2	0	437
11:00	22	84	0	0	38	4	39	0	4	86	14	0	2	2	1	0	296
11:15	26	93	0	0	58	8	46	1	2	87	22	0	3	3	3	0	352
11:30	26	84	3	0	75	4	62	0	0	96	23	0	1	6	5	0	385
11:45	30	93	4	0	77	11	45	0	2	110	34	0	3	11	3	0	423
Total	104	354	7	0	248	27	192	1	8	379	93	0	9	22	12	0	1456
12:00	43	106	3	0	69	8	78	0	3	122	45	0	4	8	5	0	494
12:15	56	93	4	0	47	9	34	0	1	99	62	0	5	11	3	0	424
12:30	63	122	0	0	34	5	41	0	1	107	56	0	4	9	3	0	445
12:45	80	119	3	0	40	3	32	0	2	113	66	0	2	5	4	0	469
Total	242	440	10	0	190	25	185	0	7	441	229	0	15	33	15	0	1832
13:00	63	88	1	0	31	1	25	0	6	104	52	0	6	4	7	0	388
13:15	48	74	2	0	30	2	27	0	4	97	24	0	8	4	4	0	324
*** BREAK ***																	
Total	111	162	3	0	61	3	52	0	10	201	76	0	14	8	11	0	712
*** BREAK ***																	
14:30	25	70	0	0	31	0	37	0	1	104	18	0	4	0	3	0	293
14:45	18	89	0	0	27	0	26	0	2	94	21	0	1	0	1	0	279
Total	43	159	0	0	58	0	63	0	3	198	39	0	5	0	4	0	572
15:00	27	88	1	0	38	0	38	2	0	107	21	0	4	1	0	1	328
15:15	23	80	0	0	37	1	33	0	2	70	20	0	8	0	1	0	275
15:30	18	98	0	0	43	2	41	0	0	164	14	0	4	1	1	0	386
15:45	17	132	1	0	46	1	44	0	1	133	14	0	2	2	1	0	394
Total	85	398	2	0	164	4	156	2	3	474	69	0	18	4	3	1	1383
16:00	9	123	1	0	74	3	50	0	0	181	15	0	3	0	2	1	462
16:15	13	186	0	0	84	1	57	0	1	164	14	0	4	1	2	0	527
16:30	13	199	0	0	105	0	88	0	2	247	17	0	1	1	2	0	675
16:45	19	137	1	0	86	1	103	0	3	192	17	0	4	1	1	0	565
Total	54	645	2	0	349	5	298	0	6	784	63	0	12	3	7	1	2229

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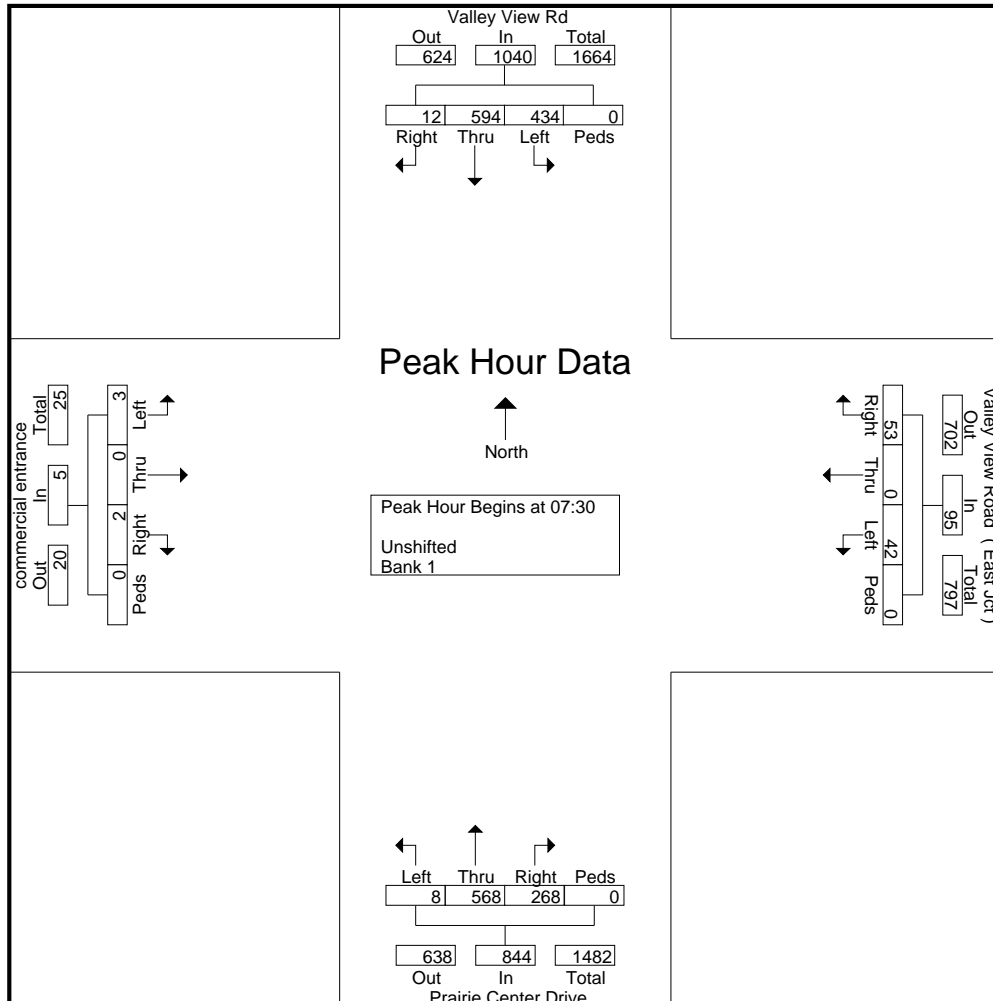
Start Time	Valley View Rd Southbound				Valley View Road (East Jct) Westbound				Prairie Center Drive Northbound				commercial entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	18	175	1	0	140	0	105	0	0	248	12	0	13	0	7	0	719
17:15	17	206	0	0	140	0	95	0	1	191	24	0	3	0	0	0	677
17:30	15	150	0	0	81	1	83	0	2	140	14	0	7	0	2	0	495
17:45	13	160	0	0	67	1	50	0	2	144	6	0	5	1	1	0	450
Total	63	691	1	0	428	2	333	0	5	723	56	0	28	1	10	0	2341
18:00	14	158	0	0	33	0	47	0	0	150	10	0	7	0	5	0	424
18:15	9	73	0	0	39	0	30	0	1	125	16	0	5	0	0	0	298
18:30	10	74	0	0	33	0	31	0	1	107	8	0	2	2	1	0	269
18:45	10	28	2	0	15	0	22	0	2	65	10	0	3	0	1	0	158
Total	43	333	2	0	120	0	130	0	4	447	44	0	17	2	7	0	1149
Grand Total	1539	4334	53	0	1765	69	1527	3	70	4897	1148	0	133	75	79	2	15694
Apprch %	26	73.1	0.9	0	52.5	2.1	45.4	0.1	1.1	80.1	18.8	0	46	26	27.3	0.7	
Total %	9.8	27.6	0.3	0	11.2	0.4	9.7	0	0.4	31.2	7.3	0	0.8	0.5	0.5	0	
Unshifted	1515	4317	50	0	1752	66	1511	3	69	4852	1133	0	132	73	75	2	15550
% Unshifted	98.4	99.6	94.3	0	99.3	95.7	99	100	98.6	99.1	98.7	0	99.2	97.3	94.9	100	99.1
Bank 1	24	17	3	0	13	3	16	0	1	45	15	0	1	2	4	0	144
% Bank 1	1.6	0.4	5.7	0	0.7	4.3	1	0	1.4	0.9	1.3	0	0.8	2.7	5.1	0	0.9

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Start Time	Valley View Rd Southbound					Valley View Road (East Jct) Westbound					Prairie Center Drive Northbound					commercial entrance 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	
07:30	112	124	2	0	238	14	0	10	0	24	3	157	82	0	242	1	0	1	0	2	506
07:45	129	193	2	0	324	9	0	14	0	23	2	168	92	0	262	0	0	0	0	0	609
08:00	106	152	2	0	260	6	0	17	0	23	2	112	49	0	163	0	0	1	0	1	447
08:15	87	125	6	0	218	13	0	12	0	25	1	131	45	0	177	2	0	0	0	2	422
Total Volume	434	594	12	0	1040	42	0	53	0	95	8	568	268	0	844	3	0	2	0	5	1984
% App. Total	41.7	57.1	1.2	0		44.2	0	55.8	0		0.9	67.3	31.8	0		60	0	40	0		
PHF	.841	.769	.500	.000	.802	.750	.000	.779	.000	.950	.667	.845	.728	.000	.805	.375	.000	.500	.000	.625	.814

Peak Hour Analysis From 07:15 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:30



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Start Time	Valley View Rd Southbound					Valley View Road (East Jct) Westbound					Prairie Center Drive Northbound					commercial entrance 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 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	13	199	0	0	212	105	0	88	0	193	2	247	17	0	266	1	1	2	0	4	675
16:45	19	137	1	0	157	86	1	103	0	190	3	192	17	0	212	4	1	1	0	6	565
17:00	18	175	1	0	194	140	0	105	0	245	0	248	12	0	260	13	0	7	0	20	719
17:15	17	206	0	0	223	140	0	95	0	235	1	191	24	0	216	3	0	0	0	3	677
Total Volume	67	717	2	0	786	471	1	391	0	863	6	878	70	0	954	21	2	10	0	33	2636
% App. Total	8.5	91.2	0.3	0		54.6	0.1	45.3	0		0.6	92	7.3	0		63.6	6.1	30.3	0		
PHF	.882	.870	.500	.000	.881	.841	.250	.931	.000	.881	.500	.885	.729	.000	.897	.404	.500	.357	.000	.413	.917

