

# Alliant Engineering Inc Minneapolis, MN 55415

Valley View Rd at Prairie Center Dr  
( W jct ) Eden Praine  
data by: Alliant Engineering  
TURN MOVEMENT COUNT

File Name : 26\_Prairie Center Drive at Valley View Road West JCT  
Site Code : 00000026  
Start Date : 10/21/2009  
Page No : 1

### Groups Printed- Unshifted - Bank 1

Start Time	commercial entrance Southbound				Valley View Road (West Jct ) Westbound				Prairie Center Drive Northbound				Valley View Road (West Jct ) Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	0	1	0	0	19	10	0	0	23	1	23	0	0	28	33	0	138
06:45	0	0	0	0	15	23	0	0	28	4	25	0	1	34	32	0	162
Total	0	1	0	0	34	33	0	0	51	5	48	0	1	62	65	0	300
07:00	0	3	2	0	28	25	1	0	14	5	24	0	3	44	41	0	190
07:15	0	3	0	0	32	29	1	0	24	3	30	0	0	74	50	0	246
07:30	1	0	0	0	30	12	0	0	31	3	40	0	1	98	73	0	289
07:45	5	2	0	0	30	34	0	0	46	7	57	0	3	126	51	0	361
Total	6	8	2	0	120	100	2	0	115	18	151	0	7	342	215	0	1086
08:00	1	5	2	0	30	42	2	0	45	6	40	0	4	109	54	0	340
08:15	1	7	3	0	26	32	3	0	56	7	51	0	2	88	53	0	329
08:30	4	6	0	0	43	30	0	0	35	7	45	0	5	55	60	0	290
08:45	2	4	4	0	47	43	0	0	39	9	52	0	3	44	48	0	295
Total	8	22	9	0	146	147	5	0	175	29	188	0	14	296	215	0	1254
09:00	0	6	1	0	45	45	4	0	42	17	34	0	3	25	51	0	273
09:15	2	11	1	0	29	42	0	0	29	8	38	0	4	35	43	0	242
*** BREAK ***																	
Total	2	17	2	0	74	87	4	0	71	25	72	0	7	60	94	0	515
*** BREAK ***																	
10:30	1	23	6	0	41	27	2	0	42	25	37	0	6	27	60	0	297
10:45	1	16	6	0	50	28	8	0	53	12	26	0	9	30	53	0	292
Total	2	39	12	0	91	55	10	0	95	37	63	0	15	57	113	0	589
11:00	3	23	4	0	57	25	12	0	47	22	36	0	4	28	45	0	306
11:15	4	14	11	0	49	30	5	1	43	17	33	0	9	31	74	0	321
11:30	1	17	6	0	57	45	14	0	64	23	48	1	10	32	67	0	385
11:45	6	19	5	0	50	36	6	2	59	28	53	2	4	34	75	0	379
Total	14	73	26	0	213	136	37	3	213	90	170	3	27	125	261	0	1391
12:00	7	23	4	0	63	49	8	0	78	35	77	0	8	40	72	0	464
12:15	11	15	7	0	61	27	2	0	82	17	64	0	16	41	51	1	395
12:30	5	16	9	0	43	39	6	0	68	31	67	3	2	41	58	0	388
12:45	4	20	9	0	38	30	4	0	79	25	49	0	9	41	59	1	368
Total	27	74	29	0	205	145	20	0	307	108	257	3	35	163	240	2	1615
13:00	3	24	5	0	45	43	5	0	75	31	37	0	8	49	45	0	370
13:15	4	24	9	0	34	39	6	0	68	26	48	0	10	27	63	0	358
*** BREAK ***																	
Total	7	48	14	0	79	82	11	0	143	57	85	0	18	76	108	0	728
*** BREAK ***																	
14:30	5	15	8	0	43	41	6	0	82	20	23	0	6	23	47	0	319
14:45	3	25	3	0	33	38	3	0	61	20	42	0	6	26	53	0	313
Total	8	40	11	0	76	79	9	0	143	40	65	0	12	49	100	0	632
15:00	2	13	1	0	30	29	3	0	73	16	35	0	2	45	52	0	301
15:15	2	18	5	0	41	33	1	0	55	19	39	0	6	26	45	0	290
15:30	1	21	3	0	47	46	5	0	88	21	38	0	5	44	64	0	383
15:45	2	19	5	0	59	50	8	0	82	13	46	0	15	31	74	0	404
Total	7	71	14	0	177	158	17	0	298	69	158	0	28	146	235	0	1378
16:00	5	18	4	0	60	54	3	0	91	20	23	0	5	43	62	0	388
16:15	4	11	2	0	62	69	2	0	97	17	55	0	6	49	66	0	440
16:30	2	18	7	0	67	62	2	0	108	11	62	0	2	38	71	3	453
16:45	1	25	5	0	88	74	6	0	99	23	41	0	5	31	88	0	486
Total	12	72	18	0	277	259	13	0	395	71	181	0	18	161	287	3	1767

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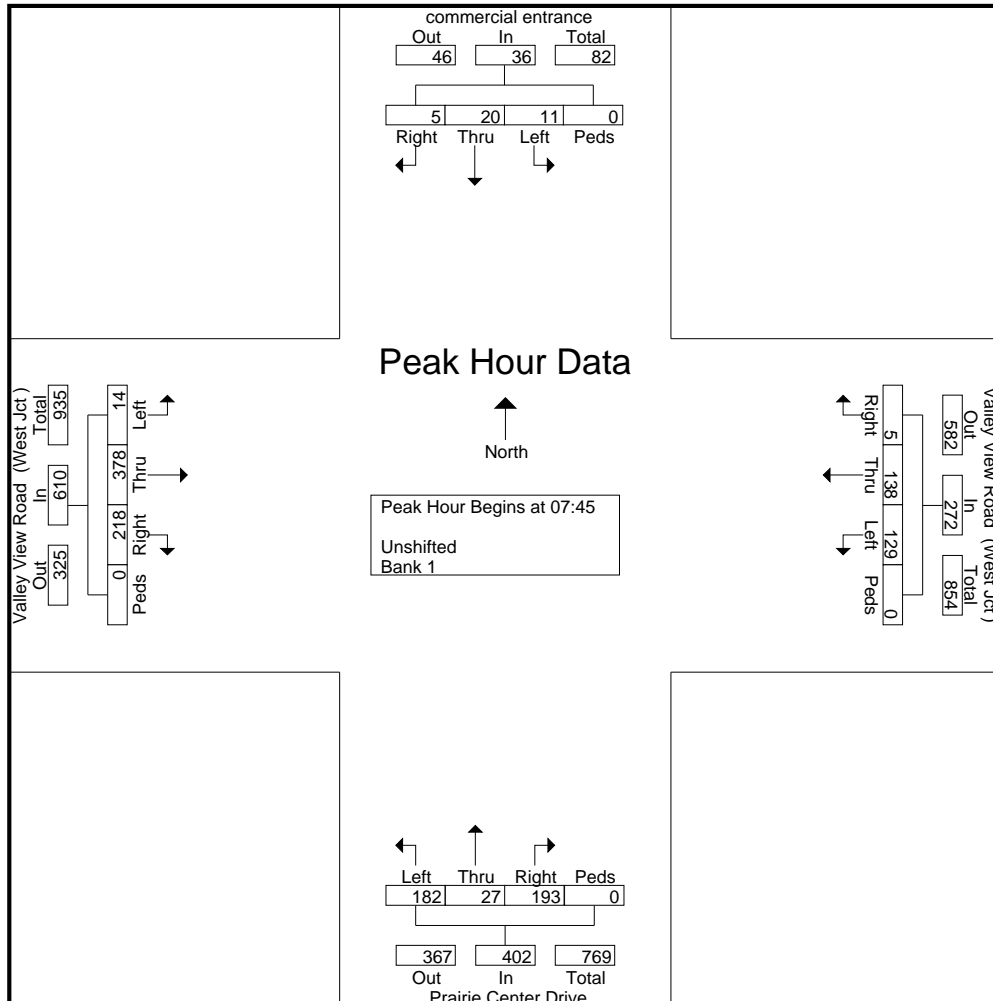
Start Time	commercial entrance Southbound				Valley View Road (West Jct ) Westbound				Prairie Center Drive Northbound				Valley View Road (West Jct ) Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	3	24	4	0	80	106	4	0	123	14	52	0	5	72	102	0	589
17:15	5	11	2	0	93	95	1	0	124	12	46	0	8	43	83	0	523
17:30	1	11	3	0	95	105	3	0	80	13	27	0	19	35	108	0	500
17:45	3	10	3	0	56	60	3	0	116	17	49	0	18	47	68	0	450
Total	12	56	12	0	324	366	11	0	443	56	174	0	50	197	361	0	2062
18:00	1	21	1	0	69	64	1	0	87	19	42	0	3	52	93	0	453
18:15	4	16	5	0	60	42	0	0	123	11	41	0	10	30	52	0	394
18:30	1	13	5	0	25	43	2	0	79	20	39	0	6	42	59	0	334
18:45	0	15	6	0	35	41	4	0	92	14	39	0	4	24	55	0	329
Total	6	65	17	0	189	190	7	0	381	64	161	0	23	148	259	0	1510
Grand Total	111	586	166	0	2005	1837	146	3	2830	669	1773	6	255	1882	2553	5	14827
Apprch %	12.9	67.9	19.2	0	50.2	46	3.7	0.1	53.6	12.7	33.6	0.1	5.4	40.1	54.4	0.1	
Total %	0.7	4	1.1	0	13.5	12.4	1	0	19.1	4.5	12	0	1.7	12.7	17.2	0	
Unshifted	110	582	165	0	1978	1800	144	3	2805	660	1747	6	253	1823	2524	5	14605
% Unshifted	99.1	99.3	99.4	0	98.7	98	98.6	100	99.1	98.7	98.5	100	99.2	96.9	98.9	100	98.5
Bank 1	1	4	1	0	27	37	2	0	25	9	26	0	2	59	29	0	222
% Bank 1	0.9	0.7	0.6	0	1.3	2	1.4	0	0.9	1.3	1.5	0	0.8	3.1	1.1	0	1.5

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Start Time	commercial entrance Southbound					Valley View Road (West Jct ) Westbound					Prairie Center Drive Northbound					Valley View Road (West Jct ) 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 07:45																					
07:45	5	2	0	0	7	30	34	0	0	64	46	7	57	0	110	3	126	51	0	180	361
08:00	1	5	2	0	8	30	42	2	0	74	45	6	40	0	91	4	109	54	0	167	340
08:15	1	7	3	0	11	26	32	3	0	61	56	7	51	0	114	2	88	53	0	143	329
08:30	4	6	0	0	10	43	30	0	0	73	35	7	45	0	87	5	55	60	0	120	290
Total Volume	11	20	5	0	36	129	138	5	0	272	182	27	193	0	402	14	378	218	0	610	1320
% App. Total	30.6	55.6	13.9	0		47.4	50.7	1.8	0		45.3	6.7	48	0		2.3	62	35.7	0		
PHF	.550	.714	.417	.000	.818	.750	.821	.417	.000	.919	.813	.964	.846	.000	.882	.700	.750	.908	.000	.847	.914



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Start Time	commercial entrance Southbound					Valley View Road (West Jct ) Westbound					Prairie Center Drive Northbound					Valley View Road (West Jct ) 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 16:45																					
16:45	1	25	5	0	31	88	74	6	0	168	99	23	41	0	163	5	31	88	0	124	486
17:00	3	24	4	0	31	80	106	4	0	190	123	14	52	0	189	5	72	102	0	179	589
17:15	5	11	2	0	18	93	95	1	0	189	124	12	46	0	182	8	43	83	0	134	523
17:30	1	11	3	0	15	95	105	3	0	203	80	13	27	0	120	19	35	108	0	162	500
Total Volume	10	71	14	0	95	356	380	14	0	750	426	62	166	0	654	37	181	381	0	599	2098
% App. Total	10.5	74.7	14.7	0		47.5	50.7	1.9	0		65.1	9.5	25.4	0		6.2	30.2	63.6	0		
PHF	.500	.710	.700	.000	.766	.937	.896	.583	.000	.924	.859	.674	.798	.000	.865	.487	.628	.882	.000	.837	.890

