

Alliant Engineering Inc Minneapolis, MN 55415

Valley View Rd at Bryant Lake Drive File Name : 13_Valley View Road at TH 212 West Ramp Bryant Lake Drive
 (West ramp of TH-212) Site Code : 00000013
 data by: Alliant Engineering Start Date : 10/14/2009
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH 212 West Ramp (Bryant Lake Dr) Southbound				Valley View Road Westbound				Valley View Road Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	61	0	19	0	0	54	15	0	2	89	0	0	240
06:45	98	0	26	0	0	78	10	0	6	91	0	0	309
Total	159	0	45	0	0	132	25	0	8	180	0	0	549
07:00	83	0	31	0	0	111	6	0	5	112	0	0	348
07:15	134	0	39	0	0	156	18	0	4	127	0	0	478
07:30	128	0	32	1	0	159	24	0	6	179	0	0	529
07:45	160	0	48	0	0	201	45	0	22	217	0	0	693
Total	505	0	150	1	0	627	93	0	37	635	0	0	2048
08:00	122	0	57	0	0	144	14	0	9	182	0	0	528
08:15	123	0	47	0	0	156	17	0	8	155	0	0	506
08:30	123	0	47	0	0	116	27	0	10	148	0	0	471
08:45	124	0	38	0	0	114	34	0	4	126	0	0	440
Total	492	0	189	0	0	530	92	0	31	611	0	0	1945
09:00	121	0	33	0	1	88	21	0	12	90	0	0	366
09:15	122	0	39	0	0	66	15	0	7	84	0	0	333
*** BREAK ***													
Total	243	0	72	0	1	154	36	0	19	174	0	0	699
*** BREAK ***													
10:30	88	0	24	0	0	69	14	0	4	83	0	0	282
10:45	119	0	21	0	1	95	16	0	7	83	0	0	342
Total	207	0	45	0	1	164	30	0	11	166	0	0	624
11:00	137	0	29	0	0	87	23	0	9	103	0	0	388
11:15	194	0	41	0	0	103	33	0	9	142	0	1	523
11:30	225	0	48	0	1	114	30	0	7	114	0	0	539
11:45	236	0	33	0	0	141	33	0	7	157	0	0	607
Total	792	0	151	0	1	445	119	0	32	516	0	1	2057
12:00	213	0	40	0	0	149	25	0	15	154	0	0	596
12:15	204	0	36	0	1	137	33	0	4	132	0	0	547
12:30	187	0	37	0	0	132	33	0	6	139	0	0	534
12:45	171	0	19	0	1	127	27	0	10	129	0	0	484
Total	775	0	132	0	2	545	118	0	35	554	0	0	2161
13:00	145	0	36	0	0	124	24	0	9	133	0	0	471
13:15	129	0	26	0	0	123	22	0	6	116	0	0	422
*** BREAK ***													
Total	274	0	62	0	0	247	46	0	15	249	0	0	893
*** BREAK ***													
14:30	129	0	34	0	0	115	36	0	3	79	0	0	396
14:45	143	0	23	0	0	110	29	0	11	87	0	0	403
Total	272	0	57	0	0	225	65	0	14	166	0	0	799
15:00	124	0	37	0	0	150	36	0	14	125	0	0	486
15:15	154	0	32	1	0	102	35	0	19	104	0	0	447
15:30	179	0	38	0	0	145	35	0	6	108	0	0	511
15:45	215	0	46	0	0	121	45	0	8	119	0	0	554
Total	672	0	153	1	0	518	151	0	47	456	0	0	1998
16:00	197	0	40	0	0	161	47	0	11	132	0	0	588
16:15	276	0	25	0	0	184	38	0	10	140	0	0	673
16:30	285	0	50	0	1	231	81	0	10	182	0	0	840
16:45	235	0	23	0	0	233	59	0	4	190	0	0	744
Total	993	0	138	0	1	809	225	0	35	644	0	0	2845

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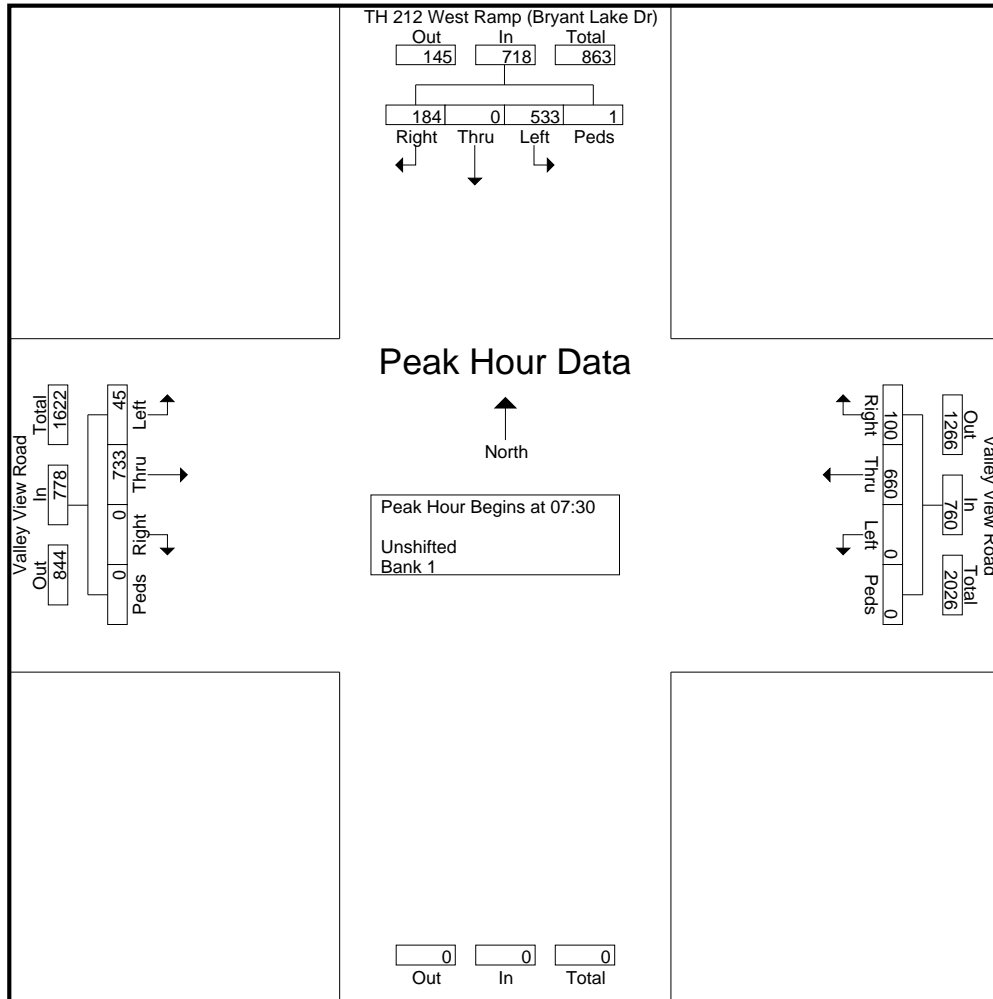
Groups Printed- Unshifted - Bank 1

Start Time	TH 212 West Ramp (Bryant Lake Dr) Southbound				Valley View Road Westbound				Valley View Road Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	283	0	42	0	2	211	67	0	9	200	0	0	814
17:15	318	0	60	0	1	221	68	0	13	168	0	0	849
17:30	255	0	48	0	1	182	73	0	12	148	0	0	719
17:45	226	0	35	0	0	141	45	0	8	164	0	0	619
Total	1082	0	185	0	4	755	253	0	42	680	0	0	3001
18:00	215	0	24	0	0	156	55	0	5	115	0	0	570
18:15	163	0	23	1	0	121	45	0	10	88	0	0	451
18:30	149	0	24	0	0	105	66	0	13	75	0	0	432
18:45	143	0	42	0	0	83	27	0	5	55	0	0	355
Total	670	0	113	1	0	465	193	0	33	333	0	0	1808
Grand Total	7136	0	1492	3	10	5616	1446	0	359	5364	0	1	21427
Apprch %	82.7	0	17.3	0	0.1	79.4	20.4	0	6.3	93.7	0	0	
Total %	33.3	0	7	0	0	26.2	6.7	0	1.7	25	0	0	
Unshifted	7102	0	1478	3	10	5589	1432	0	349	5313	0	1	21277
% Unshifted	99.5	0	99.1	100	100	99.5	99	0	97.2	99	0	100	99.3
Bank 1	34	0	14	0	0	27	14	0	10	51	0	0	150
% Bank 1	0.5	0	0.9	0	0	0.5	1	0	2.8	1	0	0	0.7

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Start Time	TH 212 West Ramp (Bryant Lake Dr) Southbound					Valley View Road Westbound					Valley View Road Eastbound					Int. 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	128	0	32	1	161	0	159	24	0	183	6	179	0	0	185	529
07:45	160	0	48	0	208	0	201	45	0	246	22	217	0	0	239	693
08:00	122	0	57	0	179	0	144	14	0	158	9	182	0	0	191	528
08:15	123	0	47	0	170	0	156	17	0	173	8	155	0	0	163	506
Total Volume	533	0	184	1	718	0	660	100	0	760	45	733	0	0	778	2256
% App. Total	74.2	0	25.6	0.1		0	86.8	13.2	0		5.8	94.2	0	0		
PHF	.833	.000	.807	.250	.863	.000	.821	.556	.000	.772	.511	.844	.000	.000	.814	.814



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Start Time	TH 212 West Ramp (Bryant Lake Dr) Southbound					Valley View Road Westbound					Valley View Road Eastbound					Int. 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	285	0	50	0	335	1	231	81	0	313	10	182	0	0	192	840
16:45	235	0	23	0	258	0	233	59	0	292	4	190	0	0	194	744
17:00	283	0	42	0	325	2	211	67	0	280	9	200	0	0	209	814
17:15	318	0	60	0	378	1	221	68	0	290	13	168	0	0	181	849
Total Volume	1121	0	175	0	1296	4	896	275	0	1175	36	740	0	0	776	3247
% App. Total	86.5	0	13.5	0		0.3	76.3	23.4	0		4.6	95.4	0	0		
PHF	.881	.000	.729	.000	.857	.500	.961	.849	.000	.938	.692	.925	.000	.000	.928	.956

