

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

Plymouth Rd at N Frontage (I-394)

Ref.Pt.: Minnetonka

Data by: Albeck Gerken Inc.

TURN MOVEMENT COUNT

File Name : Plymouth Rd at N Frontage Rd I-394 2007

Site Code : 01827115

Start Date : 4/12/2007

Page No : 1

Groups Printed- Unshifted

Start Time	Plymouth Rd. Southbound				N Frontage Rd (I-394) Westbound				Plymouth Rd. Northbound				N Frontage Rd (I-394) Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	3	25	5	0	0	1	0	0	9	16	1	0	1	0	2	0	63
06:15	1	26	4	0	3	1	2	0	14	27	2	0	0	0	7	0	87
06:30	3	48	11	0	4	5	3	0	32	48	2	0	1	0	5	0	162
06:45	5	47	17	0	7	3	1	0	49	73	10	0	2	4	9	1	228
Total	12	146	37	0	14	10	6	0	104	164	15	0	4	4	23	1	540
07:00	6	62	13	0	6	2	3	0	31	46	17	0	0	3	10	0	199
07:15	12	76	8	0	12	5	5	0	33	63	18	0	1	6	13	0	252
07:30	12	75	8	0	14	1	10	0	42	100	24	0	2	4	16	0	308
07:45	22	84	9	0	15	9	2	0	72	113	19	0	0	6	14	4	369
Total	52	297	38	0	47	17	20	0	178	322	78	0	3	19	53	4	1128
08:00	17	83	8	0	24	6	7	0	55	104	25	1	5	6	18	0	359
08:15	14	82	12	0	16	7	7	2	41	85	27	3	1	6	21	0	324
08:30	16	89	6	0	17	7	3	0	44	99	31	0	4	0	20	1	337
08:45	12	63	10	1	15	8	5	0	50	88	34	0	3	10	21	2	322
Total	59	317	36	1	72	28	22	2	190	376	117	4	13	22	80	3	1342
*** BREAK ***																	
11:00	8	65	3	0	54	15	10	0	37	50	52	0	2	12	56	0	364
11:15	17	76	8	0	66	15	10	0	55	65	53	0	5	12	65	0	447
11:30	20	90	10	0	65	20	10	0	58	80	57	0	5	16	48	0	479
11:45	23	115	13	0	72	9	13	0	46	82	61	0	7	17	59	0	517
Total	68	346	34	0	257	59	43	0	196	277	223	0	19	57	228	0	1807
12:00	20	102	8	0	69	15	22	0	36	90	64	0	4	8	72	1	511
12:15	32	72	13	1	85	23	24	0	63	105	67	0	3	12	56	1	557
12:30	21	68	12	1	59	28	22	0	63	106	53	0	4	20	65	1	523
12:45	27	75	9	0	60	26	32	2	92	96	51	3	7	16	63	0	559
Total	100	317	42	2	273	92	100	2	254	397	235	3	18	56	256	3	2150
*** BREAK ***																	
15:30	13	60	2	1	66	14	16	0	50	110	22	3	6	8	53	0	424
15:45	19	91	13	0	47	17	30	0	48	125	39	0	8	8	38	0	483
Total	32	151	15	1	113	31	46	0	98	235	61	3	14	16	91	0	907
16:00	23	104	7	1	79	14	24	0	42	105	34	1	14	19	82	0	549
16:15	8	105	12	0	75	20	33	0	34	115	53	0	9	12	76	0	552
16:30	12	106	9	0	88	14	34	0	47	122	39	2	7	12	94	0	586
16:45	15	114	9	0	58	22	34	0	49	121	42	1	16	16	86	0	583
Total	58	429	37	1	300	70	125	0	172	463	168	4	46	59	338	0	2270
17:00	13	127	14	0	58	17	33	0	45	122	38	0	10	17	103	0	597
17:15	12	97	8	0	82	27	34	0	44	142	43	0	12	16	89	0	606
17:30	16	93	8	0	55	23	37	0	64	130	57	0	19	12	84	0	598
17:45	17	104	8	1	60	12	23	0	47	135	36	1	2	17	67	0	530
Total	58	421	38	1	255	79	127	0	200	529	174	1	43	62	343	0	2331
18:00	6	88	6	0	74	12	42	0	32	118	38	0	14	11	69	0	510
18:15	17	71	7	1	64	15	22	0	32	101	32	2	6	9	46	0	425
Grand Total	462	2583	290	7	1469	413	553	4	1456	2982	1141	17	180	315	1527	11	13410
Apprch %	13.8	77.3	8.7	0.2	60.2	16.9	22.7	0.2	26	53.3	20.4	0.3	8.9	15.5	75.1	0.5	
Total %	3.4	19.3	2.2	0.1	11	3.1	4.1	0	10.9	22.2	8.5	0.1	1.3	2.3	11.4	0.1	

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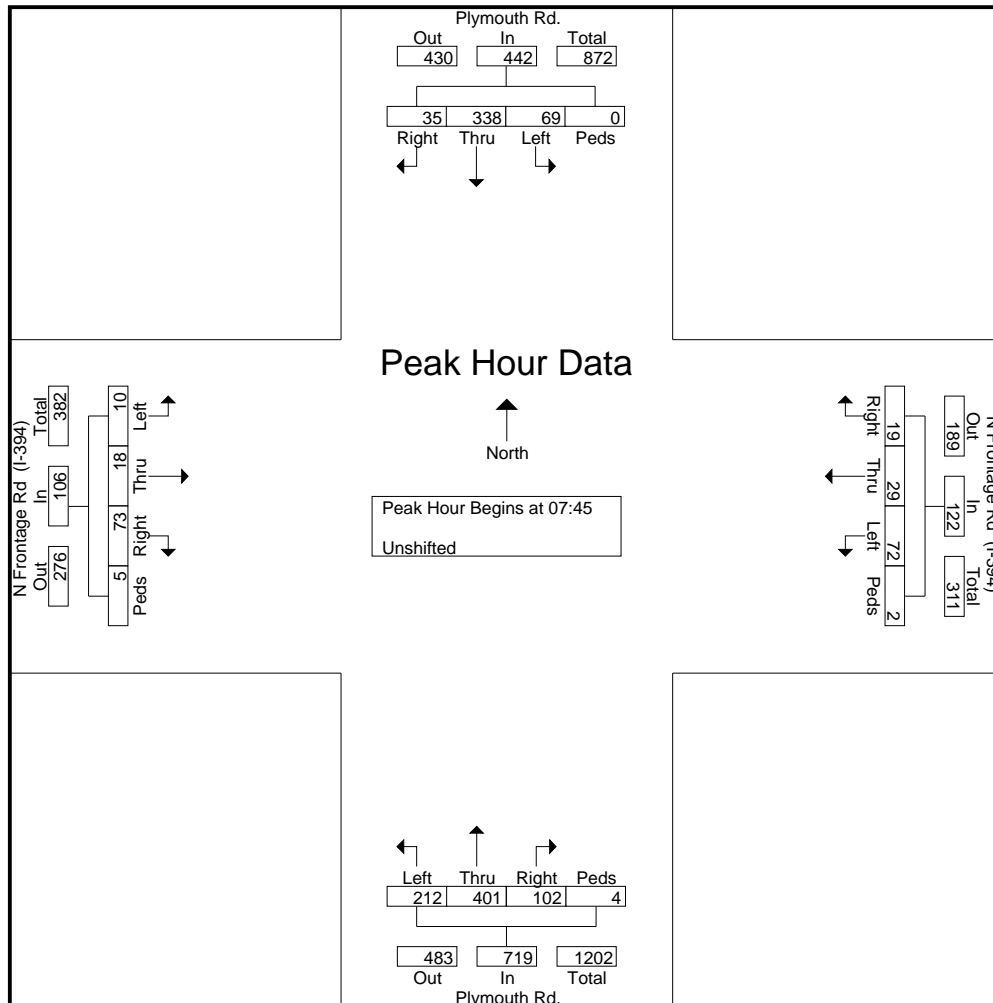
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	22	84	9	0	115	15	9	2	0	26	72	113	19	0	204	0	6	14	4	24	369
08:00	17	83	8	0	108	24	6	7	0	37	55	104	25	1	185	5	6	18	0	29	359
08:15	14	82	12	0	108	16	7	7	2	32	41	85	27	3	156	1	6	21	0	28	324
08:30	16	89	6	0	111	17	7	3	0	27	44	99	31	0	174	4	0	20	1	25	337
Total Volume	69	338	35	0	442	72	29	19	2	122	212	401	102	4	719	10	18	73	5	106	1389
% App. Total	15.6	76.5	7.9	0		59	23.8	15.6	1.6		29.5	55.8	14.2	0.6		9.4	17	68.9	4.7		
PHF	.784	.949	.729	.000	.961	.750	.806	.679	.250	.824	.736	.887	.823	.333	.881	.500	.750	.869	.313	.914	.941



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	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 15:00 to 18:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	15	114	9	0	138	58	22	34	0	114	49	121	42	1	213	16	16	86	0	118	583
17:00	13	127	14	0	154	58	17	33	0	108	45	122	38	0	205	10	17	103	0	130	597
17:15	12	97	8	0	117	82	27	34	0	143	44	142	43	0	229	12	16	89	0	117	606
17:30	16	93	8	0	117	55	23	37	0	115	64	130	57	0	251	19	12	84	0	115	598
Total Volume	56	431	39	0	526	253	89	138	0	480	202	515	180	1	898	57	61	362	0	480	2384
% App. Total	10.6	81.9	7.4	0		52.7	18.5	28.8	0		22.5	57.3	20	0.1		11.9	12.7	75.4	0		
PHF	.875	.848	.696	.000	.854	.771	.824	.932	.000	.839	.789	.907	.789	.250	.894	.750	.897	.879	.000	.923	.983

