

MN Dept of Transportation

TRAFFIC DATA COLLECTION - Metro

114th Ave N at Aquila Drive N
 (east of TH-169)
 data by - Alliant Inc
 TURN MOVEMENT COUNT

File Name : 704_114th Ave & Aquila Dr
 Site Code : 704
 Start Date : 3/31/2016
 Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Marketplace Dr N Southbound				114th Ave N Westbound				Aquila Dr N Northbound				114th Ave N Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
06:00	0	0	8	0	1	27	3	0	6	0	0	0	5	5	1	0	56
06:15	1	0	4	0	5	33	3	0	1	0	0	0	10	7	2	0	66
06:30	0	1	5	0	2	34	3	0	1	0	0	1	14	11	3	0	75
06:45	4	0	10	0	3	33	3	0	6	0	3	0	12	18	0	0	92
Total	5	1	27	0	11	127	12	0	14	0	3	1	41	41	6	0	289
07:00	2	1	9	0	6	41	6	0	9	0	0	0	13	18	2	0	107
07:15	2	1	10	0	4	49	1	0	5	0	5	1	8	33	2	0	121
07:30	2	1	4	0	11	60	4	0	14	0	2	0	18	32	6	0	154
07:45	4	1	8	0	18	38	7	0	10	0	4	0	22	31	8	0	151
Total	10	4	31	0	39	188	18	0	38	0	11	1	61	114	18	0	533
08:00	1	1	12	0	9	31	3	0	13	0	1	0	20	17	5	0	113
08:15	9	0	9	0	4	33	5	0	9	0	3	0	16	13	4	0	105
08:30	4	1	13	0	6	37	5	0	5	4	2	0	20	24	4	0	125
08:45	5	1	10	0	10	34	7	0	15	2	4	0	23	17	7	0	135
Total	19	3	44	0	29	135	20	0	42	6	10	0	79	71	20	0	478

*** BREAK ***

11:00	8	2	18	0	8	15	10	0	14	0	6	0	23	22	6	0	132
11:15	8	1	25	0	17	24	10	0	15	2	8	0	44	27	6	0	187
11:30	13	5	24	0	21	26	7	0	19	1	18	0	34	20	10	0	198
11:45	13	1	27	0	20	32	10	0	17	2	19	1	36	17	13	0	208
Total	42	9	94	0	66	97	37	0	65	5	51	1	137	86	35	0	725
12:00	10	2	28	0	18	30	11	2	21	6	14	0	54	40	15	1	252
12:15	9	3	31	0	15	27	7	0	26	7	19	0	38	26	10	1	219
12:30	7	3	29	0	11	18	6	0	37	0	20	2	41	34	9	0	217
12:45	7	5	24	0	9	17	8	0	29	3	11	0	35	24	3	0	175
Total	33	13	112	0	53	92	32	2	113	16	64	2	168	124	37	2	863

*** BREAK ***

15:00	13	4	25	0	12	27	18	0	24	0	10	1	57	42	8	0	241
15:15	25	3	43	0	11	33	21	0	19	6	8	0	45	33	6	0	253
15:30	12	2	35	0	10	40	14	0	12	7	11	0	67	51	4	1	266
15:45	22	9	44	1	22	23	16	0	17	5	9	0	51	40	7	3	269
Total	72	18	147	1	55	123	69	0	72	18	38	1	220	166	25	4	1029

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Groups Printed- Vehicles - Trucks

Start Time	Marketplace Dr N Southbound				114th Ave N Westbound				Aquila Dr N Northbound				114th Ave N Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
16:00	17	7	36	1	19	36	21	0	22	3	16	0	67	35	4	0	284
16:15	27	6	39	0	5	30	21	0	25	2	19	0	65	50	16	0	305
16:30	27	2	50	0	13	41	21	0	26	7	15	0	63	60	13	0	338
16:45	15	4	43	1	15	38	25	1	21	9	16	0	60	57	10	1	316
Total	86	19	168	2	52	145	88	1	94	21	66	0	255	202	43	1	1243
17:00	25	5	48	0	25	40	22	0	27	4	23	0	73	70	10	0	372
17:15	23	8	46	2	32	39	29	0	29	3	30	0	73	60	13	0	387
17:30	17	3	47	1	29	26	14	2	17	3	21	0	77	66	6	0	329
17:45	23	4	64	0	28	38	24	0	23	2	24	0	72	54	21	1	378
Total	88	20	205	3	114	143	89	2	96	12	98	0	295	250	50	1	1466
Grand Total	355	87	828	6	419	1050	365	5	534	78	341	6	1256	1054	234	8	6626
Apprch %	27.8	6.8	64.9	0.5	22.8	57.1	19.8	0.3	55.7	8.1	35.6	0.6	49.2	41.3	9.2	0.3	
Total %	5.4	1.3	12.5	0.1	6.3	15.8	5.5	0.1	8.1	1.2	5.1	0.1	19	15.9	3.5	0.1	
Vehicles	354	86	826	6	416	1017	364	3	526	78	340	5	1250	1030	231	7	6539
% Vehicles	99.7	98.9	99.8	100	99.3	96.9	99.7	60	98.5	100	99.7	83.3	99.5	97.7	98.7	87.5	98.7
Trucks	1	1	2	0	3	33	1	2	8	0	1	1	6	24	3	1	87
% Trucks	0.3	1.1	0.2	0	0.7	3.1	0.3	40	1.5	0	0.3	16.7	0.5	2.3	1.3	12.5	1.3

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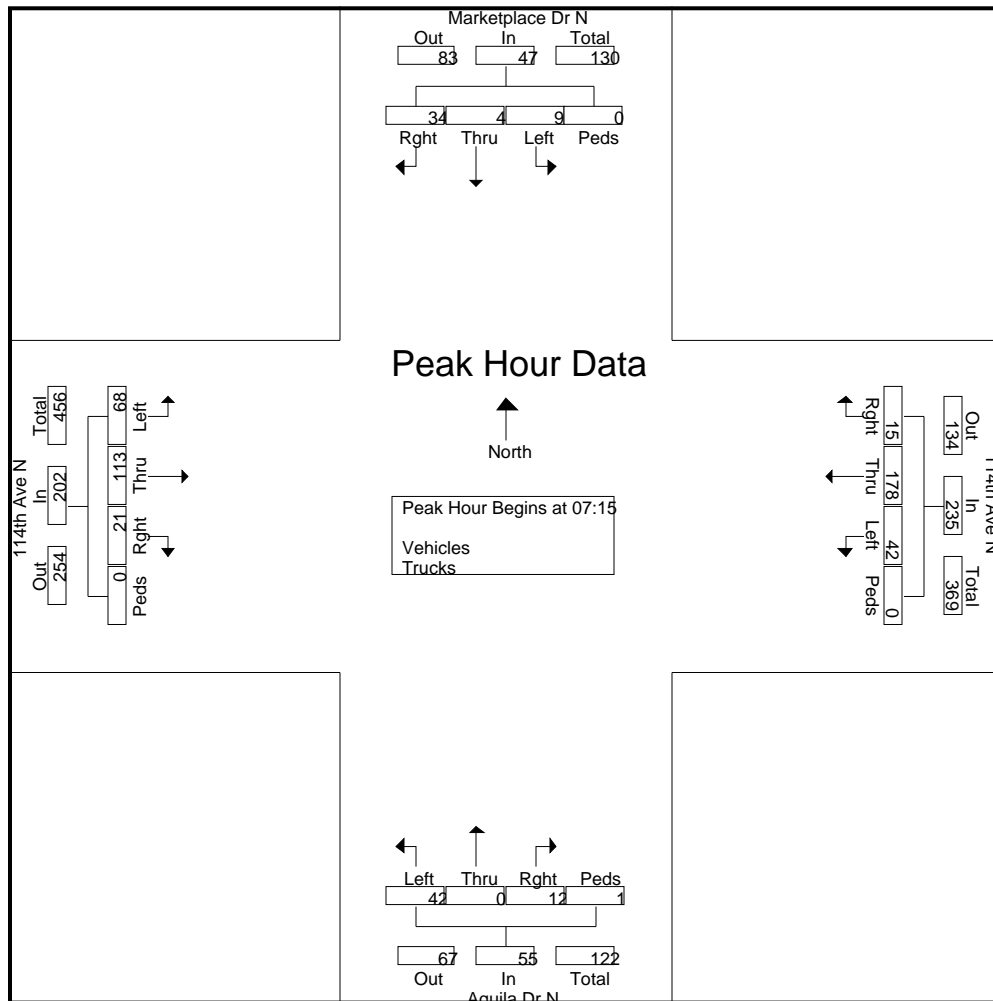
File Name : 704_114th Ave & Aquila Dr

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Start Time	Marketplace Dr N Southbound					114th Ave N Westbound					Aquila Dr N Northbound					114th Ave N Eastbound					Int. Total
	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	2	1	10	0	13	4	49	1	0	54	5	0	5	1	11	8	33	2	0	43	121
07:30	2	1	4	0	7	11	60	4	0	75	14	0	2	0	16	18	32	6	0	56	154
07:45	4	1	8	0	13	18	38	7	0	63	10	0	4	0	14	22	31	8	0	61	151
08:00	1	1	12	0	14	9	31	3	0	43	13	0	1	0	14	20	17	5	0	42	113
Total Volume	9	4	34	0	47	42	178	15	0	235	42	0	12	1	55	68	113	21	0	202	539
% App. Total	19.1	8.5	72.3	0		17.9	75.7	6.4	0		76.4	0	21.8	1.8		33.7	55.9	10.4	0		
PHF	.563	1.00	.708	.000	.839	.583	.742	.536	.000	.783	.750	.000	.600	.250	.859	.773	.856	.656	.000	.828	.875



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Start Time	Marketplace Dr N Southbound					114th Ave N Westbound					Aquila Dr N Northbound					114th Ave N 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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	25	5	48	0	78	25	40	22	0	87	27	4	23	0	54	73	70	10	0	153	372
17:15	23	8	46	2	79	32	39	29	0	100	29	3	30	0	62	73	60	13	0	146	387
17:30	17	3	47	1	68	29	26	14	2	71	17	3	21	0	41	77	66	6	0	149	329
17:45	23	4	64	0	91	28	38	24	0	90	23	2	24	0	49	72	54	21	1	148	378
Total Volume	88	20	205	3	316	114	143	89	2	348	96	12	98	0	206	295	250	50	1	596	1466
% App. Total	27.8	6.3	64.9	0.9		32.8	41.1	25.6	0.6		46.6	5.8	47.6	0		49.5	41.9	8.4	0.2		
PHF	.880	.625	.801	.375	.868	.891	.894	.767	.250	.870	.828	.750	.817	.000	.831	.958	.893	.595	.250	.974	.947

