

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-169 at Pioneer Trail
 Ref.Pt.: 118.650
 data by Alliant Engineering
 TURN MOVEMENT COUNT

File Name : 113 - Pioneer Trail and Th 169 E Ramp
 Site Code : 111
 Start Date : 3/19/2015
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	ramp to TH-169 NB Southbound				Pioneer Trail Westbound				ramp from TH-169 NB Northbound				Pioneer Trail / CSAH-1 Eastbound				Int. Total
	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	Left	Thru	Right	Bikes	
06:00	0	0	0	0	0	4	13	0	30	0	5	0	29	4	0	0	85
06:15	0	0	0	0	0	13	19	0	38	0	8	0	36	17	0	1	132
06:30	0	0	0	0	0	23	16	0	47	0	10	0	37	17	0	0	150
06:45	0	0	0	0	0	25	27	0	70	0	10	0	37	14	0	0	183
Total	0	0	0	0	0	65	75	0	185	0	33	0	139	52	0	1	550
07:00	0	0	0	0	0	21	18	0	69	0	23	0	40	25	0	1	197
07:15	0	0	0	0	0	23	29	0	85	0	21	0	60	40	0	0	258
07:30	0	0	0	0	0	25	27	0	100	0	25	0	46	52	0	0	275
07:45	0	0	0	0	0	31	28	0	123	0	28	0	45	51	0	1	307
Total	0	0	0	0	0	100	102	0	377	0	97	0	191	168	0	2	1037
08:00	0	0	0	0	0	34	19	0	81	1	36	0	39	53	1	0	264
08:15	0	0	0	0	0	24	16	0	71	0	20	0	50	44	0	0	225
08:30	0	0	0	0	0	23	20	0	62	0	12	0	54	40	0	0	211
08:45	0	0	0	0	0	26	23	0	69	0	16	0	50	34	0	0	218
Total	0	0	0	0	0	107	78	0	283	1	84	0	193	171	1	0	918
09:00	0	0	0	0	0	19	16	0	67	0	9	0	62	25	0	0	198
09:15	0	0	0	0	0	19	22	0	43	0	8	0	36	22	0	2	152
*** BREAK ***																	
Total	0	0	0	0	0	38	38	0	110	0	17	0	98	47	0	2	350
*** BREAK ***																	
10:30	0	0	0	0	0	13	8	1	31	0	1	0	29	13	0	0	96
10:45	0	0	0	0	0	21	11	0	29	0	2	0	27	14	0	0	104
Total	0	0	0	0	0	34	19	1	60	0	3	0	56	27	0	0	200
11:00	0	0	0	0	0	13	9	1	30	0	3	0	29	5	0	0	90
11:15	0	0	0	0	0	6	9	0	26	3	9	0	37	18	0	0	108
11:30	0	0	0	0	1	18	9	0	41	1	5	0	28	13	0	0	116
11:45	0	0	0	0	0	21	12	1	22	1	3	0	31	22	0	0	113
Total	0	0	0	0	1	58	39	2	119	5	20	0	125	58	0	0	427
12:00	0	0	0	0	0	23	11	0	43	0	8	0	20	33	0	0	138
12:15	0	0	0	0	0	22	15	0	32	0	4	0	42	23	0	0	138
12:30	0	0	0	0	0	16	7	0	36	1	3	0	31	28	0	0	122
12:45	0	0	0	0	0	26	13	0	26	1	8	0	25	22	0	0	121
Total	0	0	0	0	0	87	46	0	137	2	23	0	118	106	0	0	519
13:00	0	0	0	0	0	23	16	0	48	0	7	0	20	33	0	0	147
13:15	0	0	0	0	0	21	11	0	30	1	2	0	33	25	0	0	123
*** BREAK ***																	
Total	0	0	0	0	0	44	27	0	78	1	9	0	53	58	0	0	270
*** BREAK ***																	
14:30	0	0	0	0	0	20	9	0	39	0	9	0	20	21	0	0	118
14:45	0	0	0	0	0	30	9	0	42	0	6	0	27	28	0	0	142
Total	0	0	0	0	0	50	18	0	81	0	15	0	47	49	0	0	260
15:00	0	0	0	0	0	21	17	1	36	1	10	0	24	30	0	0	140
15:15	0	0	0	0	0	30	15	0	58	0	9	0	28	27	0	0	167
15:30	0	0	0	0	0	45	13	1	49	1	6	0	21	40	0	0	176
15:45	0	0	0	0	0	53	6	0	60	0	8	0	20	45	0	0	192
Total	0	0	0	0	0	149	51	2	203	2	33	0	93	142	0	0	675
16:00	0	0	0	0	0	56	7	2	56	0	11	0	21	45	0	0	198
16:15	0	0	0	0	0	83	12	0	64	2	9	0	31	56	0	0	257
16:30	0	0	0	0	0	88	13	1	65	0	10	0	29	54	0	0	260

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File Name : 113 - Pioneer Trail and Th 169 E Ramp
 Site Code : 111
 Start Date : 3/19/2015
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	ramp to TH-169 NB Southbound				Pioneer Trail Westbound				ramp from TH-169 NB Northbound				Pioneer Trail / CSAH-1 Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	0	0	0	0	0	92	14	1	86	1	10	0	25	46	0	0	275
Total	0	0	0	0	0	319	46	4	271	3	40	0	106	201	0	0	990
17:00	0	0	0	0	0	75	17	1	89	1	4	0	20	45	0	0	252
17:15	0	0	0	0	0	104	14	5	97	1	6	0	20	53	1	0	301
17:30	0	0	0	0	0	84	8	0	72	0	9	0	27	71	0	0	271
17:45	0	0	0	0	0	68	11	0	84	0	8	0	29	47	0	0	247
Total	0	0	0	0	0	331	50	6	342	2	27	0	96	216	1	0	1071
*** BREAK ***																	
Grand Total	0	0	0	0	1	1382	589	15	2246	16	401	0	1315	1295	2	5	7267
Apprch %	0	0	0	0	0.1	69.6	29.6	0.8	84.3	0.6	15.1	0	50.2	49.5	0.1	0.2	
Total %	0	0	0	0	0	19	8.1	0.2	30.9	0.2	5.5	0	18.1	17.8	0	0.1	
Cars	0	0	0	0	1	1371	584	4	2207	14	399	0	1295	1278	2	1	7156
% Cars	0	0	0	0	100	99.2	99.2	26.7	98.3	87.5	99.5	0	98.5	98.7	100	20	98.5
Trucks	0	0	0	0	0	11	5	11	39	2	2	0	20	17	0	4	111
% Trucks	0	0	0	0	0	0.8	0.8	73.3	1.7	12.5	0.5	0	1.5	1.3	0	80	1.5

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Start Time	ramp to TH-169 NB Southbound					Pioneer Trail Westbound					ramp from TH-169 NB Northbound					Pioneer Trail / CSAH-1 Eastbound					Int. Total
	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	Left	Thru	Right	Bikes	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	0	0	0	0	0	0	23	29	0	52	85	0	21	0	106	60	40	0	0	100	258
07:30	0	0	0	0	0	0	25	27	0	52	100	0	25	0	125	46	52	0	0	98	275
07:45	0	0	0	0	0	0	31	28	0	59	123	0	28	0	151	45	51	0	1	97	307
08:00	0	0	0	0	0	0	34	19	0	53	81	1	36	0	118	39	53	1	0	93	264
Total Volume	0	0	0	0	0	0	113	103	0	216	389	1	110	0	500	190	196	1	1	388	1104
% App. Total	0	0	0	0	0	0	52.3	47.7	0		77.8	0.2	22	0		49	50.5	0.3	0.3		
PHF	.000	.000	.000	.000	.000	.000	.831	.888	.000	.915	.791	.250	.764	.000	.828	.792	.925	.250	.250	.970	.899

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Start Time	ramp to TH-169 NB Southbound					Pioneer Trail Westbound					ramp from TH-169 NB Northbound					Pioneer Trail / CSAH-1 Eastbound					Int. Total
	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	Left	Thru	Rght	Bikes	App. Total	
Peak Hour Analysis From 12:00 to 18:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:45																					
16:45	0	0	0	0	0	0	92	14	1	107	86	1	10	0	97	25	46	0	0	71	275
17:00	0	0	0	0	0	0	75	17	1	93	89	1	4	0	94	20	45	0	0	65	252
17:15	0	0	0	0	0	0	104	14	5	123	97	1	6	0	104	20	53	1	0	74	301
17:30	0	0	0	0	0	0	84	8	0	92	72	0	9	0	81	27	71	0	0	98	271
Total Volume	0	0	0	0	0	0	355	53	7	415	344	3	29	0	376	92	215	1	0	308	1099
% App. Total	0	0	0	0	0	0	85.5	12.8	1.7		91.5	0.8	7.7	0		29.9	69.8	0.3	0		
PHF	.000	.000	.000	.000	.000	.000	.853	.779	.350	.843	.887	.750	.725	.000	.904	.852	.757	.250	.000	.786	.913

