

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-3 at Red Pine Lane  
 Ref.Pt.: 036.131  
 data by Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 303 - TH 3 and Red Pine Lane  
 Site Code : 303  
 Start Date : 4/7/2015  
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				Red Pine Lane Westbound				TH-3 Northbound				Red Pine Lane Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
06:00	0	24	0	0	3	2	2	0	2	79	1	0	0	1	3	0	117
06:15	0	17	0	0	0	4	6	0	2	92	4	0	0	1	2	0	128
06:30	0	25	0	0	2	7	9	0	1	107	4	0	2	2	5	0	164
06:45	1	49	0	0	8	11	11	0	1	193	5	0	1	3	6	0	289
Total	1	115	0	0	13	24	28	0	6	471	14	0	3	7	16	0	698
07:00	8	80	1	0	11	17	22	0	2	175	17	0	0	4	4	0	341
07:15	4	79	0	0	11	27	27	0	0	230	4	0	0	4	6	0	392
07:30	4	63	1	0	12	12	25	0	5	270	12	0	0	4	5	0	413
07:45	7	69	1	0	15	15	21	0	4	321	16	0	1	6	5	0	481
Total	23	291	3	0	49	71	95	0	11	996	49	0	1	18	20	0	1627
08:00	7	76	1	0	8	8	13	0	3	205	17	0	1	8	3	0	350
08:15	9	37	0	0	9	9	22	0	1	162	12	0	1	3	3	0	268
08:30	2	46	0	0	5	6	14	0	0	147	6	0	1	1	4	0	232
08:45	1	43	0	0	5	1	12	0	0	108	12	0	2	5	4	0	193
Total	19	202	1	0	27	24	61	0	4	622	47	0	5	17	14	0	1043
09:00	9	65	0	0	11	1	10	0	1	112	19	0	0	3	4	0	235
09:15	14	68	0	0	28	8	31	0	5	99	28	0	0	5	5	0	291
*** BREAK ***																	
Total	23	133	0	0	39	9	41	0	6	211	47	0	0	8	9	0	526
*** BREAK ***																	
10:30	2	49	0	0	4	4	2	0	0	60	2	0	0	2	1	0	126
10:45	4	36	0	0	3	2	8	0	0	59	2	0	0	2	6	0	122
Total	6	85	0	0	7	6	10	0	0	119	4	0	0	4	7	0	248
11:00	5	52	1	0	3	1	4	0	3	64	4	0	1	1	2	0	141
11:15	4	37	0	0	4	3	10	0	3	59	4	0	0	2	1	0	127
11:30	3	61	4	0	1	0	3	0	0	36	5	0	1	5	2	0	121
11:45	10	56	0	0	3	1	4	0	1	63	6	0	0	1	5	0	150
Total	22	206	5	0	11	5	21	0	7	222	19	0	2	9	10	0	539
12:00	4	69	0	0	4	4	1	0	1	65	3	0	0	1	3	0	155
12:15	1	64	0	0	5	1	4	0	1	54	7	0	0	6	1	0	144
12:30	4	52	2	0	6	4	5	0	4	64	4	0	0	2	3	0	150
12:45	3	51	2	0	10	0	2	0	2	68	6	0	0	3	11	0	158
Total	12	236	4	0	25	9	12	0	8	251	20	0	0	12	18	0	607
13:00	5	47	1	0	2	2	7	0	2	46	6	0	0	2	1	0	121
13:15	1	55	0	0	3	1	7	0	4	59	4	0	1	2	2	0	139
*** BREAK ***																	
Total	6	102	1	0	5	3	14	0	6	105	10	0	1	4	3	0	260
*** BREAK ***																	
14:30	5	88	0	0	12	2	4	0	2	80	6	0	1	9	2	0	211
14:45	6	110	1	0	10	3	7	0	2	90	17	0	0	4	6	0	256
Total	11	198	1	0	22	5	11	0	4	170	23	0	1	13	8	0	467
15:00	12	87	1	0	8	2	1	0	0	69	9	0	2	4	2	0	197
15:15	21	111	2	0	11	1	7	0	1	77	20	0	0	10	7	0	268
15:30	19	126	5	0	6	3	7	0	2	89	16	0	0	16	2	0	291
15:45	24	178	1	0	35	9	21	0	1	78	15	0	0	14	4	0	380
Total	76	502	9	0	60	15	36	0	4	313	60	0	2	44	15	0	1136
16:00	12	165	1	0	20	1	11	0	2	58	11	0	0	4	9	0	294
16:15	12	205	1	0	20	11	16	0	1	83	8	0	1	9	12	0	379
16:30	10	202	1	0	11	1	19	0	2	79	14	0	3	11	10	0	363

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File Name : 303 - TH 3 and Red Pine Lane  
 Site Code : 303  
 Start Date : 4/7/2015  
 Page No : 2

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				Red Pine Lane Westbound				TH-3 Northbound				Red Pine Lane Eastbound				Int. Total
	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	Left	Thru	Rght	Bikes	
16:45	13	211	0	0	20	0	6	0	4	95	5	0	0	7	11	0	372
Total	47	783	3	0	71	13	52	0	9	315	38	0	4	31	42	0	1408
17:00	28	212	0	0	15	7	11	0	5	72	28	0	0	8	11	0	397
17:15	12	224	0	0	20	3	12	0	7	97	11	0	1	11	8	0	406
17:30	15	238	2	0	10	3	15	0	7	122	7	0	2	14	11	0	446
17:45	13	216	3	0	8	3	15	0	5	94	9	0	0	8	6	0	380
Total	68	890	5	0	53	16	53	0	24	385	55	0	3	41	36	0	1629
18:00	11	36	21	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Grand Total	325	3779	53	0	382	200	434	0	89	4180	386	0	22	208	198	0	10256
Apprch %	7.8	90.9	1.3	0	37.6	19.7	42.7	0	1.9	89.8	8.3	0	5.1	48.6	46.3	0	
Total %	3.2	36.8	0.5	0	3.7	2	4.2	0	0.9	40.8	3.8	0	0.2	2	1.9	0	
Cars	303	3604	50	0	358	193	421	0	84	4025	366	0	20	199	187	0	9810
% Cars	93.2	95.4	94.3	0	93.7	96.5	97	0	94.4	96.3	94.8	0	90.9	95.7	94.4	0	95.7
Trucks	22	175	3	0	24	7	13	0	5	155	20	0	2	9	11	0	446
% Trucks	6.8	4.6	5.7	0	6.3	3.5	3	0	5.6	3.7	5.2	0	9.1	4.3	5.6	0	4.3

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 Site Code : 303  
 Start Date : 4/7/2015  
 Page No : 3

Start Time	TH-3 Southbound					Red Pine Lane Westbound					TH-3 Northbound					Red Pine Lane 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	4	<b>79</b>	0	0	83	11	<b>27</b>	<b>27</b>	0	<b>65</b>	0	230	4	0	234	0	4	<b>6</b>	0	10	392
07:30	4	63	1	0	68	12	12	25	0	49	5	270	12	0	287	0	4	5	0	9	413
07:45	<b>7</b>	69	1	0	77	<b>15</b>	15	21	0	51	4	<b>321</b>	16	0	<b>341</b>	<b>1</b>	6	5	0	<b>12</b>	<b>481</b>
08:00	7	76	1	0	<b>84</b>	8	8	13	0	29	3	205	<b>17</b>	0	225	1	<b>8</b>	3	0	12	350
Total Volume	22	287	3	0	312	46	62	86	0	194	12	1026	49	0	1087	2	22	19	0	43	1636
% App. Total	7.1	92	1	0		23.7	32	44.3	0		1.1	94.4	4.5	0		4.7	51.2	44.2	0		
PHF	.786	.908	.750	.000	.929	.767	.574	.796	.000	.746	.600	.799	.721	.000	.797	.500	.688	.792	.000	.896	.850

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File Name : 303 - TH 3 and Red Pine Lane  
 Site Code : 303  
 Start Date : 4/7/2015  
 Page No : 4

Start Time	TH-3 Southbound					Red Pine Lane Westbound					TH-3 Northbound					Red Pine Lane 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 17:00																					
17:00	28	212	0	0	240	15	7	11	0	33	5	72	28	0	105	0	8	11	0	19	397
17:15	12	224	0	0	236	20	3	12	0	35	7	97	11	0	115	1	11	8	0	20	406
17:30	15	238	2	0	255	10	3	15	0	28	7	122	7	0	136	2	14	11	0	27	446
17:45	13	216	3	0	232	8	3	15	0	26	5	94	9	0	108	0	8	6	0	14	380
Total Volume	68	890	5	0	963	53	16	53	0	122	24	385	55	0	464	3	41	36	0	80	1629
% App. Total	7.1	92.4	0.5	0		43.4	13.1	43.4	0		5.2	83	11.9	0		3.8	51.2	45	0		
PHF	.607	.935	.417	.000	.944	.663	.571	.883	.000	.871	.857	.789	.491	.000	.853	.375	.732	.818	.000	.741	.913

