

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

Fernbrook Lane and 27th Avenue

Ref.Pt.: 180.27

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 531_Fernbrook Ln & 27th Ave

Site Code : 531_____

Start Date : 2/1/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Fernbrook Ln From North					27th Ave From East					Fernbrook Ln From South					27th Ave From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	35	19	4	58	0	0	0	0	0	0	0	13	4	17	0	2	0	29	31	106
06:15 AM	0	31	26	2	59	0	0	0	0	0	0	0	8	17	25	0	3	0	8	11	95
06:30 AM	0	44	40	1	85	0	0	0	0	0	0	0	7	12	19	0	2	0	6	8	112
06:45 AM	0	60	44	2	106	0	0	0	0	0	0	0	15	36	51	0	4	0	7	11	168
Total	0	170	129	9	308	0	0	0	0	0	0	0	43	69	112	0	11	0	50	61	481
07:00 AM	0	43	57	2	102	0	0	0	0	0	0	0	10	19	29	0	2	0	5	7	138
07:15 AM	0	63	70	7	140	0	0	0	0	0	0	1	20	36	57	0	2	0	8	10	207
07:30 AM	0	55	70	3	128	0	0	0	0	0	0	0	17	26	43	0	5	0	10	15	186
07:45 AM	0	68	89	4	161	0	0	0	0	0	0	0	19	37	56	0	0	0	10	10	227
Total	0	229	286	16	531	0	0	0	0	0	0	1	66	118	185	0	9	0	33	42	758
08:00 AM	0	60	75	2	137	0	0	0	0	0	0	0	39	28	67	0	5	0	20	25	229
08:15 AM	0	57	70	5	132	0	0	0	0	0	0	0	29	28	57	0	3	0	13	16	205
08:30 AM	0	38	67	2	107	0	0	0	0	0	0	0	36	19	55	0	5	0	8	13	175
08:45 AM	0	41	71	0	112	0	0	0	0	0	0	0	39	13	52	0	3	0	16	19	183
Total	0	196	283	9	488	0	0	0	0	0	0	0	143	88	231	0	16	0	57	73	792
09:00 AM	0	17	50	7	74	0	0	0	0	0	0	0	35	13	48	0	9	0	15	24	146
09:15 AM	0	33	47	7	87	0	0	0	0	0	0	0	33	8	41	0	8	0	18	26	154
*** BREAK ***																					
Total	0	50	97	14	161	0	0	0	0	0	0	0	68	21	89	0	17	0	33	50	300
*** BREAK ***																					
10:30 AM	0	18	30	9	57	0	0	0	0	0	0	0	30	12	42	0	10	0	20	30	129
10:45 AM	0	21	34	11	66	0	0	0	0	0	0	0	39	12	51	0	4	0	18	22	139
Total	0	39	64	20	123	0	0	0	0	0	0	0	69	24	93	0	14	0	38	52	268
11:00 AM	0	18	47	6	71	0	1	0	0	1	0	0	46	14	60	0	10	0	23	33	165
11:15 AM	0	19	49	5	73	0	1	0	0	1	0	0	48	19	67	0	8	0	32	40	181
11:30 AM	0	32	62	10	104	0	1	0	0	1	0	0	49	33	82	0	10	0	38	48	235
11:45 AM	0	29	74	11	114	0	1	0	0	1	0	0	55	16	71	0	12	0	52	64	250
Total	0	98	232	32	362	0	4	0	0	4	0	0	198	82	280	0	40	0	145	185	831
12:00 PM	0	21	66	21	108	0	0	0	0	0	0	0	64	24	88	0	15	0	64	79	275
12:15 PM	0	20	68	16	104	0	0	0	0	0	0	0	52	23	75	0	16	0	50	66	245
12:30 PM	0	13	66	19	98	0	0	0	0	0	0	0	52	20	72	0	16	0	58	74	244
12:45 PM	0	39	88	16	143	0	1	0	0	1	0	0	45	19	64	0	7	0	57	64	272
Total	0	93	288	72	453	0	1	0	0	1	0	0	213	86	299	0	54	0	229	283	1036
01:00 PM	0	21	69	14	104	0	0	0	0	0	0	0	48	29	77	0	10	0	39	49	230
01:15 PM	0	31	58	14	103	0	0	0	0	0	0	0	42	14	56	0	9	0	44	53	212
*** BREAK ***																					
Total	0	52	127	28	207	0	0	0	0	0	0	0	90	43	133	0	19	0	83	102	442
*** BREAK ***																					
02:30 PM	0	10	50	8	68	0	1	0	1	2	0	0	53	13	66	0	18	0	59	77	213
02:45 PM	0	21	32	8	61	0	0	0	0	0	0	0	53	14	67	0	15	0	49	64	192
Total	0	31	82	16	129	0	1	0	1	2	0	0	106	27	133	0	33	0	108	141	405
03:00 PM	0	12	40	5	57	0	0	1	0	1	0	0	58	6	64	0	13	0	68	81	203
03:15 PM	0	9	41	5	55	0	1	0	0	1	0	0	56	11	67	0	20	0	35	55	178
03:30 PM	0	7	28	9	44	0	0	0	0	0	0	0	90	4	94	0	13	0	70	83	221
03:45 PM	0	11	41	20	72	0	0	0	0	0	0	0	68	5	73	0	11	0	59	70	215
Total	0	39	150	39	228	0	1	1	0	2	0	0	272	26	298	0	57	0	232	289	817
04:00 PM	0	8	27	10	45	0	0	0	0	0	0	0	90	10	100	0	15	0	74	89	234
04:15 PM	0	11	24	31	66	0	0	0	0	0	0	0	90	4	94	0	21	0	63	84	244
04:30 PM	0	10	27	11	48	0	1	0	0	1	0	0	80	10	90	0	20	0	87	107	246

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04:45 PM	0	9	30	23	62	0	0	0	0	0	0	0	74	6	80	0	21	0	71	92	234
Total	0	38	108	75	221	0	1	0	0	1	0	0	334	30	364	0	77	0	295	372	958
05:00 PM	0	19	28	17	64	0	0	0	0	0	0	0	100	4	104	0	23	0	90	113	281
05:15 PM	0	5	27	31	63	0	0	0	0	0	0	0	63	5	68	0	12	0	49	61	192
05:30 PM	0	19	27	12	58	0	0	0	0	0	0	1	35	9	45	0	18	0	55	73	176
05:45 PM	0	15	32	18	65	0	1	0	0	1	0	0	49	7	56	0	8	0	45	53	175
Total	0	58	114	78	250	0	1	0	0	1	0	1	247	25	273	0	61	0	239	300	824
Grand Total	0	1093	1960	408	3461	0	9	1	1	11	0	2	1849	639	2490	0	408	0	1542	1950	7912
Apprch %	0	31.6	56.6	11.8		0	81.8	9.1	9.1		0	0.1	74.3	25.7		0	20.9	0	79.1		
Total %	0	13.8	24.8	5.2	43.7	0	0.1	0	0	0.1	0	0	23.4	8.1	31.5	0	5.2	0	19.5	24.6	
Class 1	0	1046	1848	404	3298	0	8	0	0	8	0	1	1748	587	2336	0	372	0	1474	1846	7488
% Class 1	0	95.7	94.3	99	95.3	0	88.9	0	0	72.7	0	50	94.5	91.9	93.8	0	91.2	0	95.6	94.7	94.6
Class 2	0	47	112	4	163	0	1	1	1	3	0	1	101	52	154	0	36	0	68	104	424
% Class 2	0	4.3	5.7	1	4.7	0	11.1	100	100	27.3	0	50	5.5	8.1	6.2	0	8.8	0	4.4	5.3	5.4

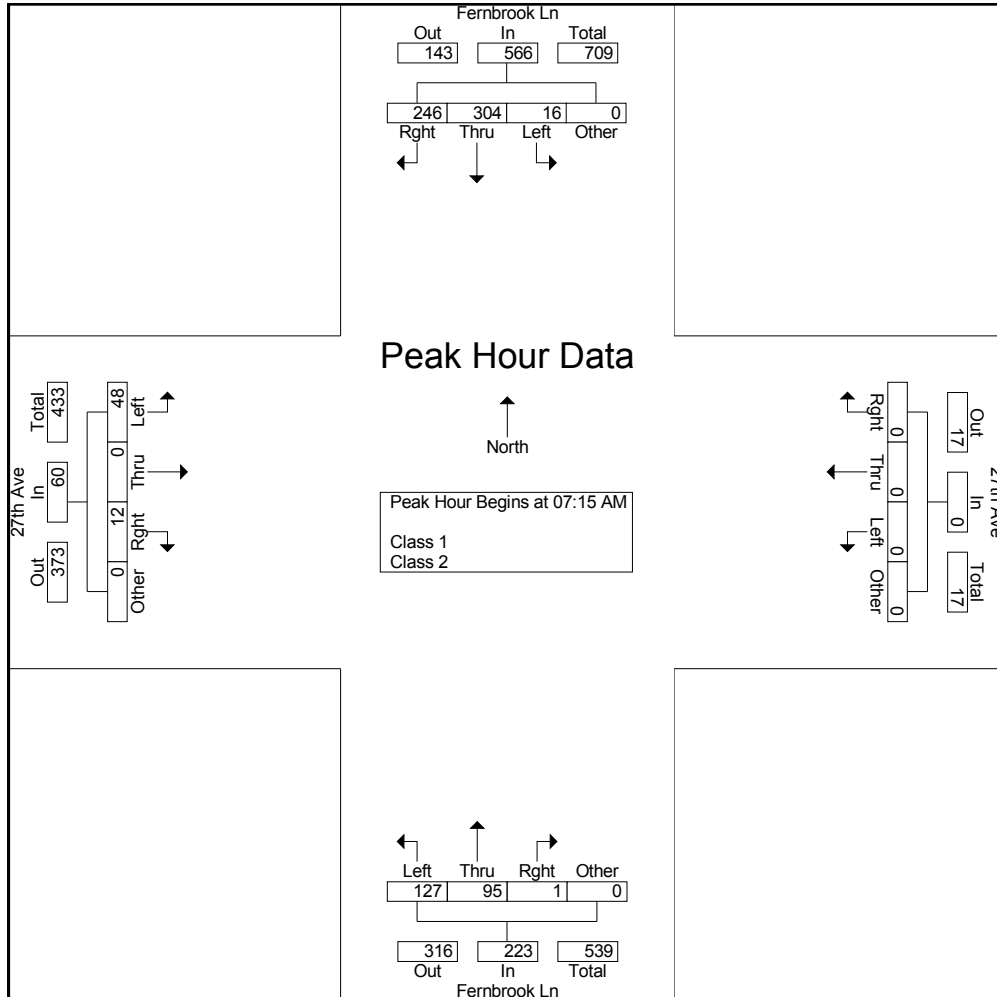
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	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	63	70	7	140	0	0	0	0	0	0	1	20	36	57	0	2	0	8	10	207
07:30 AM	0	55	70	3	128	0	0	0	0	0	0	0	17	26	43	0	5	0	10	15	186
07:45 AM	0	68	89	4	161	0	0	0	0	0	0	0	19	37	56	0	0	0	10	10	227
08:00 AM	0	60	75	2	137	0	0	0	0	0	0	0	39	28	67	0	5	0	20	25	229
Total Volume	0	246	304	16	566	0	0	0	0	0	0	1	95	127	223	0	12	0	48	60	849
% App. Total	0	43.5	53.7	2.8		0	0	0	0	0	0	0.4	42.6	57		0	20	0	80		
PHF	.000	.904	.854	.571	.879	.000	.000	.000	.000	.000	.000	.250	.609	.858	.832	.000	.600	.000	.600	.600	.927



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	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	21	66	21	108	0	0	0	0	0	0	0	64	24	88	0	15	0	64	79	275
12:15 PM	0	20	68	16	104	0	0	0	0	0	0	0	52	23	75	0	16	0	50	66	245
12:30 PM	0	13	66	19	98	0	0	0	0	0	0	0	52	20	72	0	16	0	58	74	244
12:45 PM	0	39	88	16	143	0	1	0	0	1	0	0	45	19	64	0	7	0	57	64	272
Total Volume	0	93	288	72	453	0	1	0	0	1	0	0	213	86	299	0	54	0	229	283	1036
% App. Total	0	20.5	63.6	15.9		0	100	0	0		0	0	71.2	28.8		0	19.1	0	80.9		
PHF	.000	.596	.818	.857	.792	.000	.250	.000	.000	.250	.000	.000	.832	.896	.849	.000	.844	.000	.895	.896	.942

