

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

Xenium Lane and 24th Avenue

Ref.Pt.: 180.867

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 542_Xenium Ln & 24th Avenue

Site Code : 542_____

Start Date : 2/1/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Xenium Ln From North					24th Ave From East					Xenium Ln From South					24th 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	13	52	0	65	0	0	0	0	0	0	0	6	1	7	0	0	0	5	5	77
06:15 AM	0	5	58	0	63	0	0	0	0	0	0	0	13	0	13	0	2	0	2	4	80
06:30 AM	0	20	73	0	93	0	0	0	0	0	0	0	16	2	18	0	1	0	2	3	114
06:45 AM	0	13	103	0	116	0	0	0	0	0	0	0	27	0	27	0	2	0	7	9	152
Total	0	51	286	0	337	0	0	0	0	0	0	0	62	3	65	0	5	0	16	21	423
07:00 AM	0	23	108	0	131	0	0	0	0	0	0	0	40	1	41	0	1	0	7	8	180
07:15 AM	0	29	138	0	167	0	0	0	0	0	0	0	37	4	41	0	1	0	4	5	213
07:30 AM	0	29	155	0	184	0	0	0	0	0	0	0	54	3	57	0	0	0	7	7	248
07:45 AM	0	31	193	0	224	0	0	0	0	0	0	0	58	4	62	0	0	0	9	9	295
Total	0	112	594	0	706	0	0	0	0	0	0	0	189	12	201	0	2	0	27	29	936
08:00 AM	0	30	192	0	222	0	0	0	0	0	0	0	58	2	60	0	4	0	4	8	290
08:15 AM	0	33	145	0	178	0	0	0	0	0	0	0	54	3	57	0	3	0	6	9	244
08:30 AM	0	40	111	0	151	0	0	0	0	0	0	0	51	4	55	0	1	0	11	12	218
08:45 AM	0	36	128	0	164	0	0	0	0	0	0	0	45	4	49	0	5	0	11	16	229
Total	0	139	576	0	715	0	0	0	0	0	0	0	208	13	221	0	13	0	32	45	981
09:00 AM	0	25	82	0	107	0	0	0	0	0	0	0	41	4	45	0	3	0	10	13	165
09:15 AM	0	16	68	0	84	0	0	0	0	0	0	0	30	3	33	0	2	0	12	14	131
*** BREAK ***																					
Total	0	41	150	0	191	0	0	0	0	0	0	0	71	7	78	0	5	0	22	27	296
*** BREAK ***																					
10:30 AM	0	10	49	0	59	0	0	0	0	0	0	0	40	1	41	0	4	0	13	17	117
10:45 AM	0	9	60	1	70	0	0	0	0	0	0	0	36	2	38	0	3	0	21	24	132
Total	0	19	109	1	129	0	0	0	0	0	0	0	76	3	79	0	7	0	34	41	249
11:00 AM	0	6	47	0	53	0	0	0	0	0	0	0	57	2	59	0	7	0	24	31	143
11:15 AM	0	14	73	0	87	0	0	0	0	0	0	0	75	5	80	0	4	0	27	31	198
11:30 AM	0	20	40	0	60	0	0	0	0	0	0	0	96	2	98	0	3	0	23	26	184
11:45 AM	0	11	79	0	90	0	0	0	0	0	0	0	92	5	97	0	7	0	32	39	226
Total	0	51	239	0	290	0	0	0	0	0	0	0	320	14	334	0	21	0	106	127	751
12:00 PM	0	14	89	0	103	0	0	0	0	0	0	0	69	4	73	0	7	0	40	47	223
12:15 PM	0	16	59	0	75	0	0	0	0	0	0	0	65	1	66	0	10	0	20	30	171
12:30 PM	0	19	62	0	81	0	0	0	0	0	0	0	86	3	89	0	3	0	24	27	197
12:45 PM	0	28	92	0	120	0	0	0	0	0	0	0	67	3	70	0	8	0	36	44	234
Total	0	77	302	0	379	0	0	0	0	0	0	0	287	11	298	0	28	0	120	148	825
01:00 PM	0	14	59	0	73	0	0	0	0	0	0	0	63	2	65	0	2	0	22	24	162
01:15 PM	0	22	69	0	91	0	0	0	0	0	0	0	65	4	69	0	5	0	30	35	195
*** BREAK ***																					
Total	0	36	128	0	164	0	0	0	0	0	0	0	128	6	134	0	7	0	52	59	357
*** BREAK ***																					
02:30 PM	0	9	31	0	40	0	0	0	0	0	0	0	69	0	69	0	4	0	20	24	133
02:45 PM	0	10	52	0	62	0	0	0	0	0	0	0	60	2	62	0	2	0	16	18	142
Total	0	19	83	0	102	0	0	0	0	0	0	0	129	2	131	0	6	0	36	42	275
03:00 PM	0	12	41	0	53	0	0	0	0	0	0	0	96	2	98	0	4	0	30	34	185
03:15 PM	0	17	34	0	51	0	0	0	0	0	0	0	76	1	77	0	8	0	26	34	162
03:30 PM	0	1	62	0	63	0	0	0	0	0	0	0	125	2	127	0	3	0	57	60	250
03:45 PM	0	4	48	0	52	0	0	0	0	0	0	0	114	3	117	0	6	0	19	25	194
Total	0	34	185	0	219	0	0	0	0	0	0	0	411	8	419	0	21	0	132	153	791
04:00 PM	0	8	62	0	70	0	0	0	0	0	0	0	179	5	184	0	7	0	33	40	294
04:15 PM	0	4	52	0	56	0	0	0	0	0	0	0	170	2	172	0	2	0	54	56	284
04:30 PM	0	6	54	0	60	0	0	0	0	0	0	0	173	5	178	0	4	0	30	34	272

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04:45 PM	0	5	66	0	71	0	0	0	0	0	0	0	164	4	168	0	6	0	34	40	279
Total	0	23	234	0	257	0	0	0	0	0	0	0	686	16	702	0	19	0	151	170	1129
05:00 PM	0	5	50	0	55	0	0	0	0	0	0	0	176	6	182	0	3	0	36	39	276
05:15 PM	0	2	57	0	59	0	0	0	0	0	0	0	134	5	139	0	5	0	48	53	251
05:30 PM	0	3	53	0	56	0	0	0	0	0	0	0	113	2	115	0	1	0	35	36	207
05:45 PM	0	0	47	0	47	0	0	0	0	0	0	0	107	3	110	0	6	1	25	32	189
Total	0	10	207	0	217	0	0	0	0	0	0	0	530	16	546	0	15	1	144	160	923
Grand Total	0	612	3093	1	3706	0	0	0	0	0	0	0	3097	111	3208	0	149	1	872	1022	7936
Apprch %	0	16.5	83.5	0		0	0	0	0		0	0	96.5	3.5		0	14.6	0.1	85.3		
Total %	0	7.7	39	0	46.7	0	0	0	0	0	0	0	39	1.4	40.4	0	1.9	0	11	12.9	
Class 1	0	594	2961	0	3555	0	0	0	0	0	0	0	2998	101	3099	0	137	1	841	979	7633
% Class 1	0	97.1	95.7	0	95.9	0	0	0	0	0	0	0	96.8	91	96.6	0	91.9	100	96.4	95.8	96.2
Class 2	0	18	132	1	151	0	0	0	0	0	0	0	99	10	109	0	12	0	31	43	303
% Class 2	0	2.9	4.3	100	4.1	0	0	0	0	0	0	0	3.2	9	3.4	0	8.1	0	3.6	4.2	3.8

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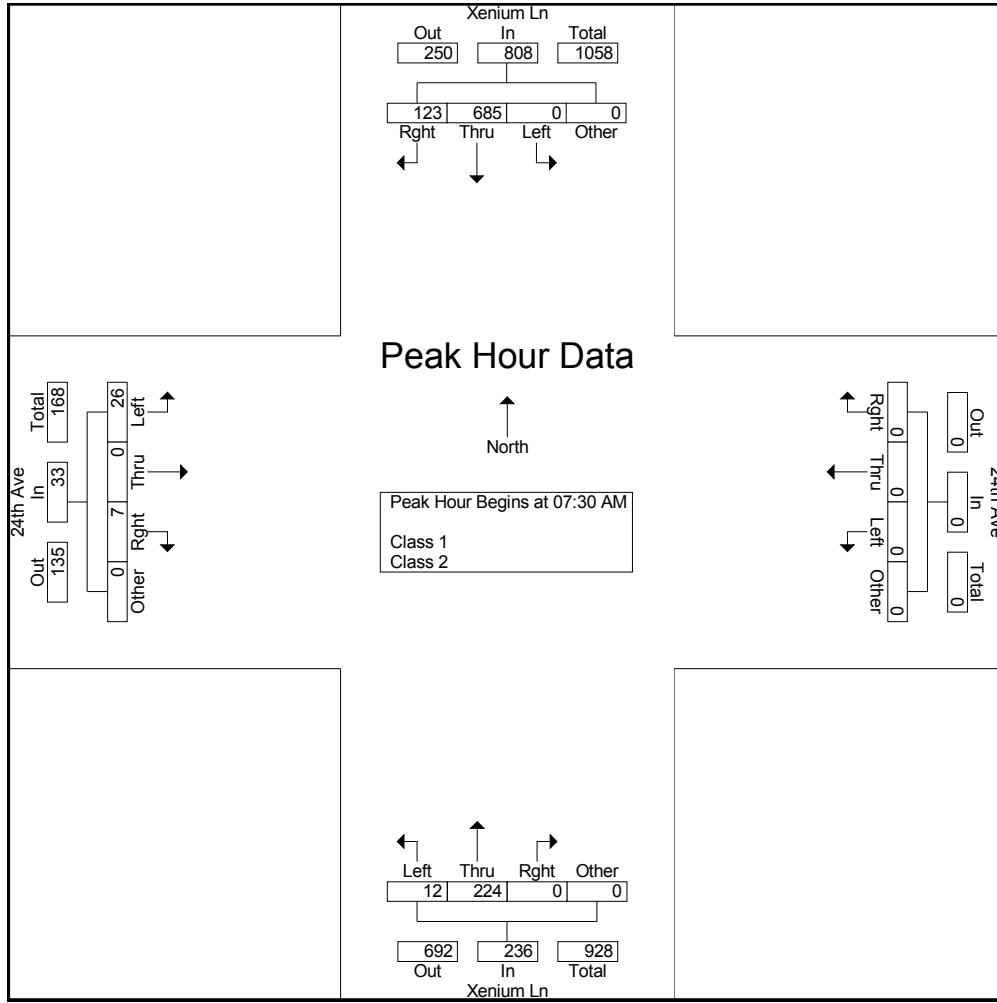
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	29	155	0	184	0	0	0	0	0	0	0	54	3	57	0	0	0	7	7	248
07:45 AM	0	31	193	0	224	0	0	0	0	0	0	0	58	4	62	0	0	0	9	9	295
08:00 AM	0	30	192	0	222	0	0	0	0	0	0	0	58	2	60	0	4	0	4	8	290
08:15 AM	0	33	145	0	178	0	0	0	0	0	0	0	54	3	57	0	3	0	6	9	244
Total Volume	0	123	685	0	808	0	0	0	0	0	0	0	224	12	236	0	7	0	26	33	1077
% App. Total	0	15.2	84.8	0		0	0	0	0		0	0	94.9	5.1		0	21.2	0	78.8		
PHF	.000	.932	.887	.000	.902	.000	.000	.000	.000	.000	.000	.000	.966	.750	.952	.000	.438	.000	.722	.917	.913



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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 04:00 PM																					
04:00 PM	0	8	62	0	70	0	0	0	0	0	0	0	179	5	184	0	7	0	33	40	294
04:15 PM	0	4	52	0	56	0	0	0	0	0	0	0	170	2	172	0	2	0	54	56	284
04:30 PM	0	6	54	0	60	0	0	0	0	0	0	0	173	5	178	0	4	0	30	34	272
04:45 PM	0	5	66	0	71	0	0	0	0	0	0	0	164	4	168	0	6	0	34	40	279
Total Volume	0	23	234	0	257	0	0	0	0	0	0	0	686	16	702	0	19	0	151	170	1129
% App. Total	0	8.9	91.1	0		0	0	0	0		0	0	97.7	2.3		0	11.2	0	88.8		
PHF	.000	.719	.886	.000	.905	.000	.000	.000	.000	.000	.000	.000	.958	.800	.954	.000	.679	.000	.699	.759	.960

