

# Alliant Engineering, Inc.

233 Park Ave Suite 300  
 Minneapolis, MN 55415

--TRAFFIC DATA--

Xenium Lane and Industrial Park Blvd  
 Ref.Pt.: 180.875  
 data by : Alliant Inc.  
 TURN MOVEMENT COUNT

File Name : 541\_Xenium Ln & Industrial Park Blvd  
 Site Code : 541\_\_\_\_\_  
 Start Date : 2/1/2018  
 Page No : 1

## Groups Printed- Class 1 - Class 2

Start Time	Xenium Ln From North					Industrial Park Blvd From East					Xenium Ln From South					Industrial Park Blvd From West					Int. Total
	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
06:00 AM	0	8	28	9	45	0	1	2	1	4	0	5	7	1	13	0	0	2	0	2	64
06:15 AM	0	16	33	10	59	0	1	1	1	3	0	8	13	2	23	0	0	0	3	3	88
06:30 AM	0	12	57	8	77	0	0	3	0	3	0	0	23	0	23	0	1	2	2	5	108
06:45 AM	0	14	82	7	103	0	4	1	4	9	0	6	37	1	44	0	2	1	3	6	162
Total	0	50	200	34	284	0	6	7	6	19	0	19	80	4	103	0	3	5	8	16	422
07:00 AM	0	9	89	6	104	0	1	2	1	4	0	1	33	0	34	0	1	4	3	8	150
07:15 AM	0	18	116	2	136	0	3	4	2	9	0	3	45	1	49	0	1	3	8	12	206
07:30 AM	0	13	137	4	154	0	4	6	2	12	0	4	57	2	63	1	1	4	7	13	242
07:45 AM	1	13	156	7	177	1	2	3	6	12	0	5	65	3	73	0	2	2	0	4	266
Total	1	53	498	19	571	1	10	15	11	37	0	13	200	6	219	1	5	13	18	37	864
08:00 AM	0	14	138	6	158	0	6	7	5	18	0	8	53	3	64	0	1	4	5	10	250
08:15 AM	0	9	125	4	138	0	4	7	6	17	0	3	73	7	83	0	3	1	4	8	246
08:30 AM	0	12	78	2	92	0	2	5	3	10	0	8	54	4	66	0	0	7	6	13	181
08:45 AM	0	7	100	6	113	0	2	4	1	7	0	7	39	0	46	0	0	3	4	7	173
Total	0	42	441	18	501	0	14	23	15	52	0	26	219	14	259	0	4	15	19	38	850
09:00 AM	0	14	68	5	87	0	0	6	1	7	0	3	44	3	50	0	2	4	1	7	151
09:15 AM	0	5	57	3	65	0	5	3	1	9	0	5	26	2	33	1	0	3	5	9	116
*** BREAK ***																					
Total	0	19	125	8	152	0	5	9	2	16	0	8	70	5	83	1	2	7	6	16	267
*** BREAK ***																					
10:30 AM	0	5	38	4	47	0	2	5	1	8	0	1	30	5	36	0	1	0	5	6	97
10:45 AM	0	11	46	6	63	0	4	5	4	13	0	2	27	2	31	0	3	5	3	11	118
Total	0	16	84	10	110	0	6	10	5	21	0	3	57	7	67	0	4	5	8	17	215
11:00 AM	0	6	51	4	61	0	4	8	2	14	0	4	42	0	46	0	0	5	7	12	133
11:15 AM	0	11	56	4	71	0	3	1	2	6	0	2	62	3	67	0	2	2	12	16	160
11:30 AM	0	6	42	2	50	0	7	4	3	14	0	4	68	3	75	0	1	3	10	14	153
11:45 AM	0	15	56	7	78	0	5	3	1	9	0	6	61	6	73	0	5	6	9	20	180
Total	0	38	205	17	260	0	19	16	8	43	0	16	233	12	261	0	8	16	38	62	626
12:00 PM	0	8	82	6	96	0	7	7	5	19	0	4	48	1	53	0	1	3	12	16	184
12:15 PM	0	7	57	2	66	0	4	2	5	11	0	1	42	5	48	0	3	9	7	19	144
12:30 PM	0	10	48	9	67	0	6	10	4	20	0	6	59	6	71	0	1	3	13	17	175
12:45 PM	0	10	71	9	90	0	1	3	11	15	0	2	60	7	69	0	0	6	10	16	190
Total	0	35	258	26	319	0	18	22	25	65	0	13	209	19	241	0	5	21	42	68	693
01:00 PM	0	5	49	3	57	0	0	4	4	8	0	4	58	2	64	0	2	5	6	13	142
01:15 PM	0	12	54	2	68	0	5	6	3	14	0	3	45	1	49	0	3	5	8	16	147
*** BREAK ***																					
Total	0	17	103	5	125	0	5	10	7	22	0	7	103	3	113	0	5	10	14	29	289
*** BREAK ***																					
02:30 PM	0	2	28	7	37	0	3	9	1	13	0	0	49	1	50	0	2	7	5	14	114
02:45 PM	0	8	48	2	58	0	4	7	2	13	0	1	63	1	65	0	1	5	11	17	153
Total	0	10	76	9	95	0	7	16	3	26	0	1	112	2	115	0	3	12	16	31	267
03:00 PM	0	7	38	5	50	0	2	7	5	14	0	5	66	0	71	0	1	5	7	13	148
03:15 PM	0	6	42	2	50	0	2	6	2	10	0	5	68	2	75	0	1	7	2	10	145
03:30 PM	0	4	52	7	63	0	16	6	4	26	0	1	95	1	97	0	4	31	13	48	234
03:45 PM	0	4	51	2	57	0	10	7	3	20	0	5	76	1	82	0	0	11	9	20	179
Total	0	21	183	16	220	0	30	26	14	70	0	16	305	4	325	0	6	54	31	91	706
04:00 PM	0	13	88	6	107	0	7	7	4	18	0	5	164	1	170	0	5	9	10	24	319
04:15 PM	0	8	54	9	71	0	8	2	2	12	0	6	135	0	141	0	4	6	13	23	247
04:30 PM	0	2	69	7	78	0	14	8	7	29	0	3	146	2	151	0	4	19	17	40	298

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File Name : 541\_Xenium Ln & Industrial Park Blvd

Site Code : 541\_\_\_\_\_

Start Date : 2/1/2018

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Start Time	Xenium Ln From North					Industrial Park Blvd From East					Xenium Ln From South					Industrial Park Blvd From West					Int. Total
	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	Other	Rght	Thru	Left	App. Total	
04:45 PM	0	3	70	8	81	0	0	3	2	5	0	6	120	0	126	1	2	12	10	25	237
Total	0	26	281	30	337	0	29	20	15	64	0	20	565	3	588	1	15	46	50	112	1101
05:00 PM	0	2	62	7	71	0	10	3	5	18	0	4	146	0	150	0	6	9	13	28	267
05:15 PM	0	4	63	5	72	0	3	5	6	14	0	1	104	1	106	0	3	9	9	21	213
05:30 PM	0	4	49	9	62	0	4	4	3	11	0	3	94	2	99	0	0	8	5	13	185
05:45 PM	0	0	53	7	60	0	5	1	4	10	0	3	86	0	89	0	2	6	10	18	177
Total	0	10	227	28	265	0	22	13	18	53	0	11	430	3	444	0	11	32	37	80	842
Grand Total	1	337	2681	220	3239	1	171	187	129	488	0	153	2583	82	2818	3	71	236	287	597	7142
Apprch %	0	10.4	82.8	6.8		0.2	35	38.3	26.4		0	5.4	91.7	2.9		0.5	11.9	39.5	48.1		
Total %	0	4.7	37.5	3.1	45.4	0	2.4	2.6	1.8	6.8	0	2.1	36.2	1.1	39.5	0	1	3.3	4	8.4	
Class 1	1	319	2576	204	3100	1	161	172	100	434	0	126	2500	73	2699	3	61	224	270	558	6791
% Class 1	100	94.7	96.1	92.7	95.7	100	94.2	92	77.5	88.9	0	82.4	96.8	89	95.8	100	85.9	94.9	94.1	93.5	95.1
Class 2	0	18	105	16	139	0	10	15	29	54	0	27	83	9	119	0	10	12	17	39	351
% Class 2	0	5.3	3.9	7.3	4.3	0	5.8	8	22.5	11.1	0	17.6	3.2	11	4.2	0	14.1	5.1	5.9	6.5	4.9

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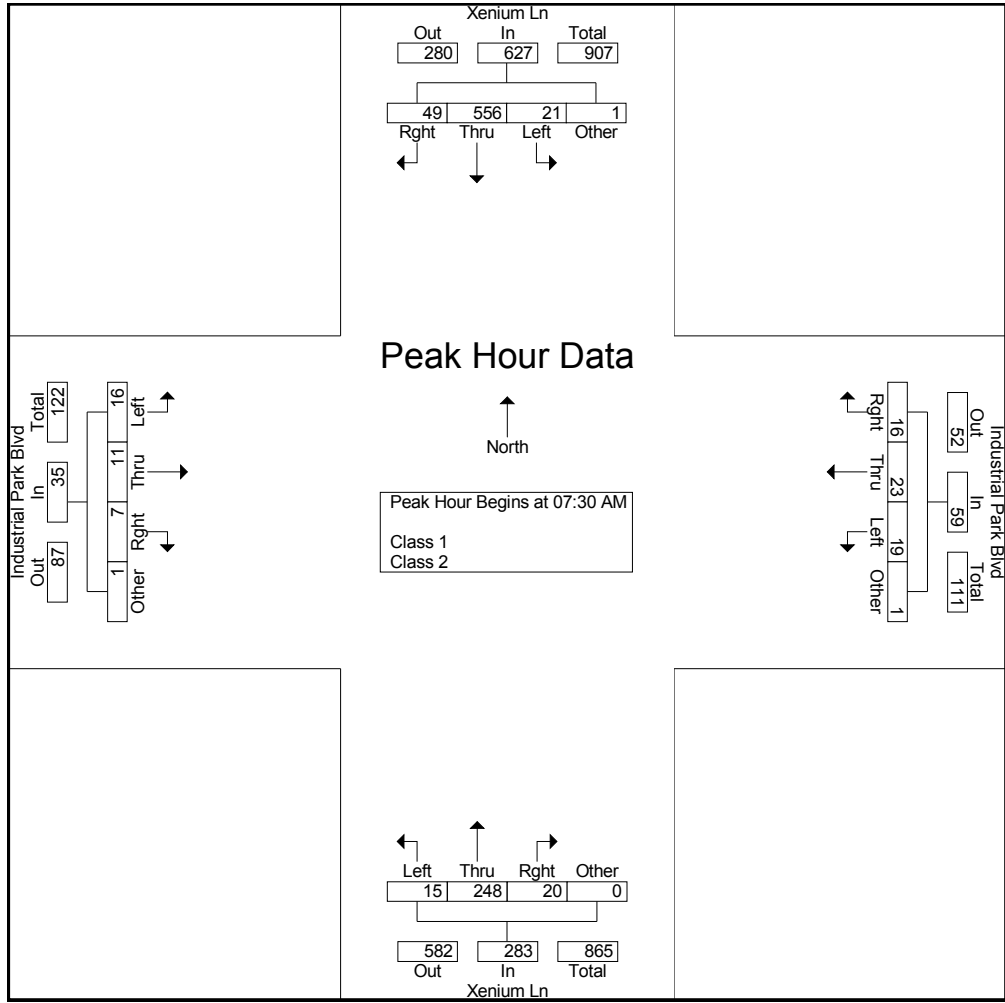
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Start Time	Xenium Ln From North					Industrial Park Blvd From East					Xenium Ln From South					Industrial Park Blvd From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
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	13	137	4	154	0	4	6	2	12	0	4	57	2	63	1	1	4	7	13	242
07:45 AM	1	13	156	7	177	1	2	3	6	12	0	5	65	3	73	0	2	2	0	4	266
08:00 AM	0	14	138	6	158	0	6	7	5	18	0	8	53	3	64	0	1	4	5	10	250
08:15 AM	0	9	125	4	138	0	4	7	6	17	0	3	73	7	83	0	3	1	4	8	246
Total Volume	1	49	556	21	627	1	16	23	19	59	0	20	248	15	283	1	7	11	16	35	1004
% App. Total	0.2	7.8	88.7	3.3		1.7	27.1	39	32.2		0	7.1	87.6	5.3		2.9	20	31.4	45.7		
PHF	.250	.875	.891	.750	.886	.250	.667	.821	.792	.819	.000	.625	.849	.536	.852	.250	.583	.688	.571	.673	.944



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Page No : 4

Start Time	Xenium Ln From North					Industrial Park Blvd From East					Xenium Ln From South					Industrial Park Blvd From West					Int. Total
	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	13	88	6	107	0	7	7	4	18	0	5	164	1	170	0	5	9	10	24	319
04:15 PM	0	8	54	9	71	0	8	2	2	12	0	6	135	0	141	0	4	6	13	23	247
04:30 PM	0	2	69	7	78	0	14	8	7	29	0	3	146	2	151	0	4	19	17	40	298
04:45 PM	0	3	70	8	81	0	0	3	2	5	0	6	120	0	126	1	2	12	10	25	237
Total Volume	0	26	281	30	337	0	29	20	15	64	0	20	565	3	588	1	15	46	50	112	1101
% App. Total	0	7.7	83.4	8.9		0	45.3	31.2	23.4		0	3.4	96.1	0.5		0.9	13.4	41.1	44.6		
PHF	.000	.500	.798	.833	.787	.000	.518	.625	.536	.552	.000	.833	.861	.375	.865	.250	.750	.605	.735	.700	.863

