

Alliant Engineering, Inc.

233 Park Ave Suite 300
Minneapolis, MN 55415
--TRAFFIC DATA--

TH 47 & Osborne Rd
Ref.Pt.: 10.353
data by : Alliant Inc.
TURN MOVEMENT COUNT

File Name : 613_TH 47 & Osborne Rd
Site Code : 613
Start Date : 3/7/2018
Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					Osborne Rd From East					TH 47 From South					Osborne Rd 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	19	147	19	185	0	4	12	23	39	0	7	51	15	73	0	3	11	4	18	315
06:15 AM	0	17	244	24	285	0	9	18	17	44	0	19	74	9	102	0	7	15	3	25	456
06:30 AM	3	22	256	21	302	0	6	18	25	49	0	23	88	13	124	0	14	30	5	49	524
06:45 AM	0	20	300	23	343	0	5	24	22	51	0	32	114	22	168	0	8	16	7	31	593
Total	3	78	947	87	1115	0	24	72	87	183	0	81	327	59	467	0	32	72	19	123	1888
07:00 AM	0	13	282	16	311	0	17	38	49	104	3	19	106	10	138	0	6	26	9	41	594
07:15 AM	0	27	312	31	370	0	16	43	41	100	0	33	133	14	180	0	13	28	10	51	701
07:30 AM	0	39	325	28	392	0	28	40	36	104	0	28	120	10	158	0	12	25	7	44	698
07:45 AM	0	30	317	31	378	0	22	52	37	111	0	26	148	24	198	0	12	39	12	63	750
Total	0	109	1236	106	1451	0	83	173	163	419	3	106	507	58	674	0	43	118	38	199	2743
08:00 AM	0	22	328	27	377	1	21	36	34	92	0	29	137	21	187	0	18	16	8	42	698
08:15 AM	0	18	243	29	290	0	11	32	18	61	0	18	140	15	173	0	11	42	7	60	584
08:30 AM	1	10	186	35	232	1	22	35	30	88	1	14	100	12	127	0	12	27	14	53	500
08:45 AM	1	24	171	39	235	0	23	29	17	69	0	24	154	23	201	0	5	35	17	57	562
Total	2	74	928	130	1134	2	77	132	99	310	1	85	531	71	688	0	46	120	46	212	2344
09:00 AM	0	15	128	23	166	0	35	29	23	87	1	17	135	11	164	0	15	25	12	52	469
09:15 AM	0	18	145	34	197	1	37	13	27	78	0	30	154	18	202	0	6	26	14	46	523
*** BREAK ***																					
Total	0	33	273	57	363	1	72	42	50	165	1	47	289	29	366	0	21	51	26	98	992
*** BREAK ***																					
10:30 AM	0	21	129	21	171	0	31	30	18	79	0	18	138	29	185	0	15	29	24	68	503
10:45 AM	0	18	168	38	224	0	28	23	22	73	0	30	144	25	199	0	18	30	19	67	563
Total	0	39	297	59	395	0	59	53	40	152	0	48	282	54	384	0	33	59	43	135	1066
11:00 AM	0	32	163	21	216	0	26	30	25	81	0	21	151	29	201	0	19	29	21	69	567
11:15 AM	1	29	166	26	222	0	27	31	18	76	0	20	167	23	210	0	16	37	27	80	588
11:30 AM	0	35	163	12	210	0	5	31	19	55	0	17	187	11	215	0	26	37	25	88	568
11:45 AM	0	29	155	31	215	4	34	43	18	99	0	20	184	28	232	0	22	37	24	83	629
Total	1	125	647	90	863	4	92	135	80	311	0	78	689	91	858	0	83	140	97	320	2352
12:00 PM	0	31	178	25	234	0	37	53	22	112	0	17	204	22	243	1	31	50	32	114	703
12:15 PM	0	26	171	25	222	0	25	45	21	91	0	27	192	24	243	0	23	34	16	73	629
12:30 PM	0	38	171	22	231	0	25	33	26	84	0	20	152	30	202	0	20	29	22	71	588
12:45 PM	0	30	189	44	263	0	25	42	24	91	0	30	172	33	235	0	22	35	14	71	660
Total	0	125	709	116	950	0	112	173	93	378	0	94	720	109	923	1	96	148	84	329	2580
01:00 PM	0	30	160	37	227	0	32	37	19	88	1	29	193	27	250	0	24	42	25	91	656
01:15 PM	0	33	159	29	221	0	26	31	22	79	1	22	171	37	231	0	17	25	27	69	600
*** BREAK ***																					
Total	0	63	319	66	448	0	58	68	41	167	2	51	364	64	481	0	41	67	52	160	1256
*** BREAK ***																					
02:30 PM	0	21	172	49	242	0	24	43	22	89	2	34	264	22	322	0	21	45	36	102	755
02:45 PM	0	28	203	37	268	0	36	39	24	99	0	29	277	29	335	0	25	34	30	89	791
Total	0	49	375	86	510	0	60	82	46	188	2	63	541	51	657	0	46	79	66	191	1546
03:00 PM	0	25	173	30	228	0	43	41	29	113	1	33	362	24	420	0	20	41	27	88	849
03:15 PM	0	20	187	26	233	0	23	42	33	98	0	36	343	37	416	0	25	45	18	88	835
03:30 PM	0	29	182	27	238	0	39	39	27	105	0	33	343	38	414	0	25	56	34	115	872
03:45 PM	0	23	214	33	270	0	42	60	31	133	0	37	392	23	452	0	21	60	38	119	974
Total	0	97	756	116	969	0	147	182	120	449	1	139	1440	122	1702	0	91	202	117	410	3530
04:00 PM	0	20	191	20	231	0	44	52	21	117	2	35	427	22	486	1	20	47	50	118	952
04:15 PM	0	20	194	26	240	0	43	46	41	130	0	44	400	27	471	0	12	44	47	103	944
04:30 PM	0	24	221	24	269	0	48	54	36	138	0	31	414	24	469	1	22	43	40	106	982

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04:45 PM	0	24	209	32	265	0	41	57	31	129	0	30	419	26	475	0	30	58	35	123	992
Total	0	88	815	102	1005	0	176	209	129	514	2	140	1660	99	1901	2	84	192	172	450	3870
05:00 PM	0	14	173	28	215	0	37	58	36	131	2	40	435	21	498	1	24	56	56	137	981
05:15 PM	0	24	213	19	256	1	50	40	26	117	1	26	475	36	538	0	19	42	46	107	1018
05:30 PM	1	26	188	16	231	0	21	28	25	74	0	19	345	29	393	0	18	42	28	88	786
05:45 PM	0	17	189	25	231	0	19	24	23	66	0	37	274	32	343	0	19	34	24	77	717
Total	1	81	763	88	933	1	127	150	110	388	3	122	1529	118	1772	1	80	174	154	409	3502
Grand Total	7	961	8065	1103	10136	8	1087	1471	1058	3624	15	1054	8879	925	10873	4	696	1422	914	3036	27669
Apprch %	0.1	9.5	79.6	10.9		0.2	30	40.6	29.2		0.1	9.7	81.7	8.5		0.1	22.9	46.8	30.1		
Total %	0	3.5	29.1	4	36.6	0	3.9	5.3	3.8	13.1	0.1	3.8	32.1	3.3	39.3	0	2.5	5.1	3.3	11	
Class 1	7	942	7650	1066	9665	8	1050	1424	1027	3509	15	1014	8472	856	10357	4	649	1369	882	2904	26435
% Class 1	100	98	94.9	96.6	95.4	100	96.6	96.8	97.1	96.8	100	96.2	95.4	92.5	95.3	100	93.2	96.3	96.5	95.7	95.5
Class 2	0	19	415	37	471	0	37	47	31	115	0	40	407	69	516	0	47	53	32	132	1234
% Class 2	0	2	5.1	3.4	4.6	0	3.4	3.2	2.9	3.2	0	3.8	4.6	7.5	4.7	0	6.8	3.7	3.5	4.3	4.5

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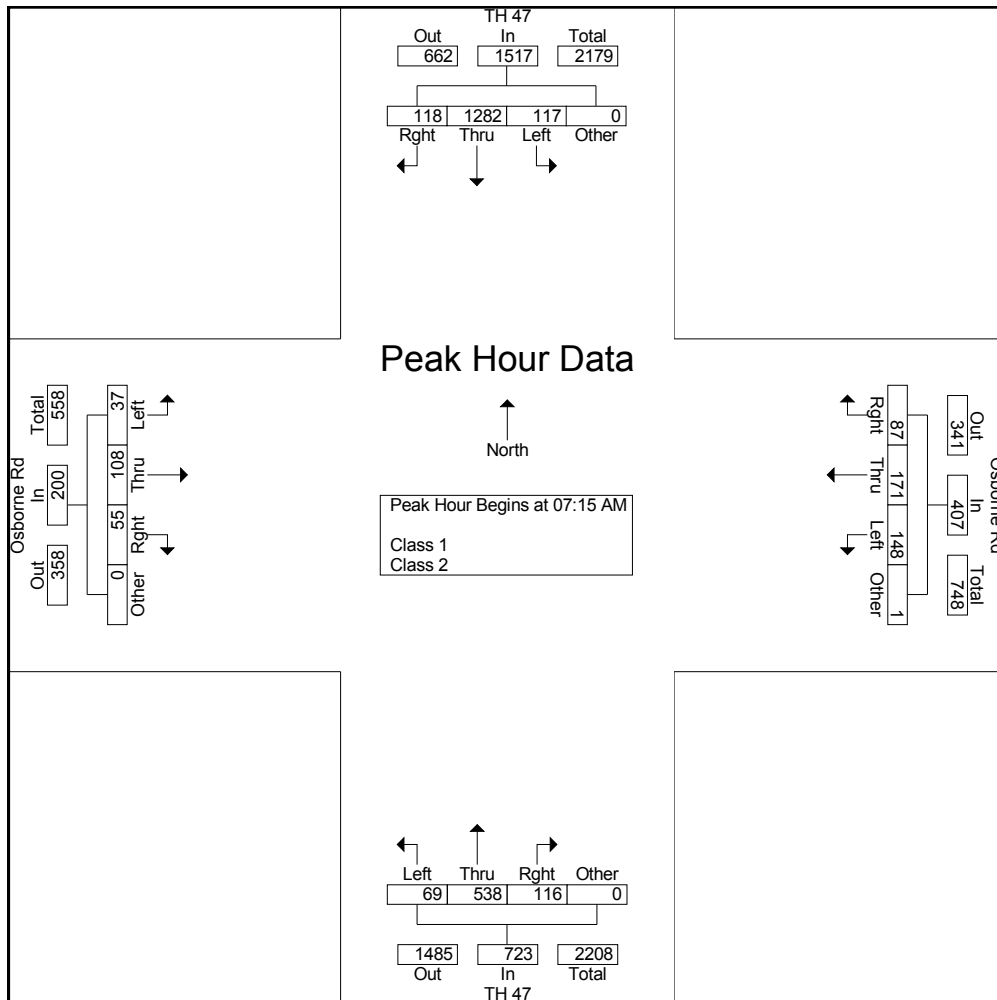
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	27	312	31	370	0	16	43	41	100	0	33	133	14	180	0	13	28	10	51	701
07:30 AM	0	39	325	28	392	0	28	40	36	104	0	28	120	10	158	0	12	25	7	44	698
07:45 AM	0	30	317	31	378	0	22	52	37	111	0	26	148	24	198	0	12	39	12	63	750
08:00 AM	0	22	328	27	377	1	21	36	34	92	0	29	137	21	187	0	18	16	8	42	698
Total Volume	0	118	1282	117	1517	1	87	171	148	407	0	116	538	69	723	0	55	108	37	200	2847
% App. Total	0	7.8	84.5	7.7		0.2	21.4	42	36.4		0	16	74.4	9.5		0	27.5	54	18.5		
PHF	.000	.756	.977	.944	.967	.250	.777	.822	.902	.917	.000	.879	.909	.719	.913	.000	.764	.692	.771	.794	.949



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Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	24	221	24	269	0	48	54	36	138	0	31	414	24	469	1	22	43	40	106	982
04:45 PM	0	24	209	32	265	0	41	57	31	129	0	30	419	26	475	0	30	58	35	123	992
05:00 PM	0	14	173	28	215	0	37	58	36	131	2	40	435	21	498	1	24	56	56	137	981
05:15 PM	0	24	213	19	256	1	50	40	26	117	1	26	475	36	538	0	19	42	46	107	1018
Total Volume	0	86	816	103	1005	1	176	209	129	515	3	127	1743	107	1980	2	95	199	177	473	3973
% App. Total	0	8.6	81.2	10.2		0.2	34.2	40.6	25		0.2	6.4	88	5.4		0.4	20.1	42.1	37.4		
PHF	.000	.896	.923	.805	.934	.250	.880	.901	.896	.933	.375	.794	.917	.743	.920	.500	.792	.858	.790	.863	.976

