

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at Osborne Rd / CSAH-8
Ref.Pt.: 010.328
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 21 - TH 47 & Osborne Rd
Site Code : 21
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					Osborne Rd / CSAH-8 Westbound					TH-47 Northbound					Osborne Rd / CSAH-8 Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
06:00	8	190	9	0	0	5	15	13	0	0	13	45	8	0	1	8	11	3	0	0	329
06:15	12	296	24	0	0	6	19	15	0	0	14	53	12	0	0	10	10	5	0	0	476
06:30	12	361	29	0	0	2	40	16	0	0	18	92	17	0	0	5	14	1	0	0	607
06:45	15	387	31	0	0	0	27	28	0	0	28	100	23	0	0	18	36	3	0	0	696
Total	47	1234	93	0	0	13	101	72	0	0	73	290	60	0	1	41	71	12	0	0	2108
07:00	7	433	27	0	0	3	25	28	0	0	20	101	18	0	0	16	29	6	0	0	713
07:15	13	457	32	0	0	0	42	29	0	0	35	129	31	0	0	11	42	3	0	0	824
07:30	16	437	26	0	0	6	24	33	0	0	28	95	5	0	0	18	26	11	0	0	725
07:45	12	399	36	0	1	2	20	17	0	0	27	140	37	0	0	14	34	0	0	0	739
Total	48	1726	121	0	1	11	111	107	0	0	110	465	91	0	0	59	131	20	0	0	3001
08:00	20	271	20	0	0	16	41	34	0	0	20	133	10	0	0	14	37	9	0	0	625
08:15	12	268	22	0	0	6	18	26	1	0	16	125	15	0	0	14	33	6	0	0	562
08:30	11	221	30	0	0	6	18	20	0	0	15	86	21	0	0	15	14	7	0	0	464
08:45	18	179	25	0	0	3	12	20	0	0	22	122	15	0	4	12	31	13	0	0	476
Total	61	939	97	0	0	31	89	100	1	0	73	466	61	0	4	55	115	35	0	0	2127
09:00	9	158	22	0	0	5	26	19	0	0	19	105	10	0	0	10	31	16	0	0	430
09:15	21	125	20	0	0	2	17	18	0	0	18	118	18	0	0	10	14	14	0	0	395
*****BREAK*****																					
Total	30	283	42	0	0	7	43	37	0	0	37	223	28	0	0	20	45	30	0	0	825
*****BREAK*****																					
10:30	12	121	6	0	0	10	28	31	0	0	12	121	21	0	0	19	14	14	0	0	409
10:45	11	157	17	0	0	9	20	20	0	0	6	124	24	0	0	16	28	13	0	0	445
Total	23	278	23	0	0	19	48	51	0	0	18	245	45	0	0	35	42	27	0	0	854
11:00	9	130	16	0	0	12	33	18	0	0	12	154	18	0	0	21	23	10	0	0	456
11:15	13	149	18	0	0	21	33	20	0	0	7	145	18	0	0	14	16	24	0	0	478
11:30	10	144	17	0	0	10	15	26	0	0	9	141	30	0	0	19	25	15	0	0	461
11:45	16	171	19	0	0	5	25	31	0	0	7	157	19	0	0	20	32	21	0	0	523
Total	48	594	70	0	0	48	106	95	0	0	35	597	85	0	0	74	96	70	0	0	1918
12:00	11	223	23	0	0	3	20	21	0	0	9	165	16	0	0	25	30	34	0	0	580
12:15	10	193	13	0	0	4	27	21	0	0	14	144	23	0	0	28	23	18	0	0	518
12:30	9	180	20	0	0	1	15	27	0	0	9	144	23	0	0	22	34	14	0	0	498
12:45	11	191	11	0	0	0	16	4	0	0	49	170	24	0	0	22	30	14	0	0	542
Total	41	787	67	0	0	8	78	73	0	0	81	623	86	0	0	97	117	80	0	0	2138
13:00	21	141	17	0	0	8	42	26	0	0	25	136	22	0	0	28	32	33	0	0	531
13:15	11	180	16	0	1	9	33	26	0	0	16	142	17	0	0	34	31	24	0	0	540
*****BREAK*****																					
Total	32	321	33	0	1	17	75	52	0	0	41	278	39	0	0	62	63	57	0	0	1071
*****BREAK*****																					
14:30	9	216	12	0	0	2	31	38	0	0	25	260	23	0	0	17	39	48	0	0	720
14:45	17	226	18	0	0	7	31	27	0	0	20	247	11	0	0	18	35	19	0	0	676
Total	26	442	30	0	0	9	62	65	0	0	45	507	34	0	0	35	74	67	0	0	1396
15:00	3	163	19	0	0	7	27	42	0	0	9	274	20	0	0	20	38	26	0	0	648
15:15	11	194	8	0	0	6	34	25	0	0	26	269	13	0	0	13	39	36	0	0	674
15:30	7	186	13	0	0	7	23	27	0	0	22	377	17	0	0	18	30	24	0	0	751
15:45	4	151	14	0	0	10	49	41	0	0	34	323	4	0	0	20	43	32	0	0	725
Total	25	694	54	0	0	30	133	135	0	0	91	1243	54	0	0	71	150	118	0	0	2798

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Groups Printed- Cars

Start Time	TH-47 Southbound					Osborne Rd / CSAH-8 Westbound					TH-47 Northbound					Osborne Rd / CSAH-8 Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
16:00	2	145	9	0	0	3	31	22	0	0	13	315	7	0	0	27	49	39	0	0	662
16:15	9	204	12	0	0	6	22	17	0	3	23	460	23	0	0	18	44	47	0	0	888
16:30	6	180	13	0	0	9	48	36	0	0	22	373	25	0	0	35	67	29	0	0	843
16:45	9	184	10	0	0	3	41	23	0	0	26	401	8	0	0	22	53	50	0	0	830
Total	26	713	44	0	0	21	142	98	0	3	84	1549	63	0	0	102	213	165	0	0	3223
17:00	7	198	21	0	0	2	38	48	0	0	23	371	12	0	0	18	61	38	0	0	837
17:15	12	198	19	0	0	2	33	18	0	0	26	473	17	0	0	11	45	30	0	0	884
17:30	6	196	21	0	0	17	30	28	0	0	16	350	10	0	0	19	20	22	0	0	735
17:45	7	212	20	0	0	10	25	22	0	0	23	330	16	0	0	19	40	45	0	0	769
Total	32	804	81	0	0	31	126	116	0	0	88	1524	55	0	0	67	166	135	0	0	3225
18:00	11	142	20	0	0	6	19	22	0	0	15	307	11	0	0	12	24	19	0	0	608
18:15	10	207	14	0	0	12	27	26	0	0	20	233	15	1	0	20	26	17	0	0	628
Grand Total	460	9164	789	0	2	263	1160	1049	1	3	811	8550	727	1	5	750	1333	852	0	0	25920
Apprch %	4.4	88	7.6	0	0	10.6	46.8	42.4	0	0.1	8	84.7	7.2	0	0	25.6	45.4	29	0	0	
Total %	1.8	35.4	3	0	0	1	4.5	4	0	0	3.1	33	2.8	0	0	2.9	5.1	3.3	0	0	

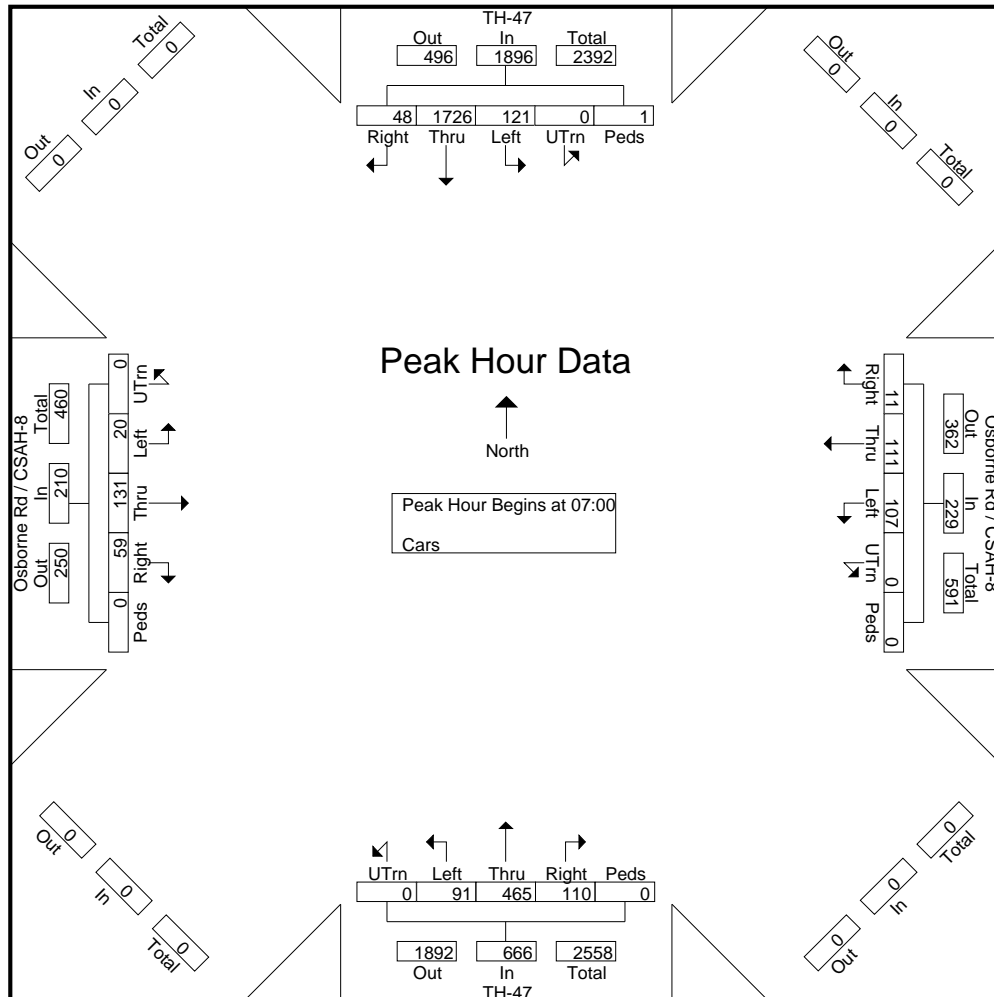
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:00	7	43	27	0	0	467	3	25	28	0	0	56	20	10	18	0	0	139	16	29	6	0	0	51	713
07:15	13	457	32	0	0	502	0	42	29	0	0	71	35	129	31	0	0	195	11	42	3	0	0	56	824
07:30	16	437	26	0	0	479	6	24	33	0	0	63	28	95	5	0	0	128	18	26	11	0	0	55	725
07:45	12	399	36	0	1	448	2	20	17	0	0	39	27	140	37	0	0	204	14	34	0	0	0	48	739
Total Volume	48	1726	121	0	1	1896	11	111	107	0	0	229	110	465	91	0	0	666	59	131	20	0	0	210	3001
% App. Total	2.5	91	6.4	0	0.1		4.8	48.5	46.7	0	0		16.5	69.8	13.7	0	0		28.1	62.4	9.5	0	0		
PHF	.750	.944	.840	.000	.250	.944	.458	.661	.811	.000	.000	.806	.786	.830	.615	.000	.000	.816	.819	.780	.455	.000	.000	.938	.910

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:00



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Start Time	TH-47 Southbound						Osborne Rd / CSAH-8 Westbound						TH-47 Northbound						Osborne Rd / CSAH-8 Eastbound						Int. Total	
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total		
Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 16:15																										
16:15	9	204	12	0	0	225	6	22	17	0	3	48	23	460	23	0	0	0	506	18	44	47	0	0	109	888
16:30	6	180	13	0	0	199	9	48	36	0	0	93	22	373	25	0	0	0	420	35	67	29	0	0	131	843
16:45	9	184	10	0	0	203	3	41	23	0	0	67	26	401	8	0	0	0	435	22	53	50	0	0	125	830
17:00	7	198	21	0	0	226	2	38	48	0	0	88	23	371	12	0	0	0	406	18	61	38	0	0	117	837
Total Volume	31	766	56	0	0	853	20	149	124	0	3	296	94	1605	68	0	0	0	1767	93	225	164	0	0	482	3398
% App. Total	3.6	89.8	6.6	0	0		6.8	50.3	41.9	0	1		5.3	90.8	3.8	0	0			19.3	46.7	34	0	0		
PHF	.861	.939	.667	.000	.000	.944	.556	.776	.646	.000	.250	.796	.904	.872	.680	.000	.000	.873	.664	.840	.820	.000	.000	.920	.957	

