

Alliant Engineering Inc Minneapolis, MN 55415

TH-47 at 85th Ave NE
Ref.Pt.: 011.563
Data by: Alliant Inc
TURN MOVEMENT COUNT

File Name : 23 - TH 47 & 85th Ave
Site Code : 23
Start Date : 2/27/2013
Page No : 1

Groups Printed- Cars

Start Time	TH-47 Southbound					85th Ave NE Westbound					TH-47 Northbound					85th Ave NE 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	11	220	9	0	0	0	9	2	0	0	2	35	7	0	0	6	5	16	0	0	322
06:15	25	317	5	0	0	4	6	5	0	0	6	51	6	0	0	5	6	11	0	0	447
06:30	4	440	7	0	0	1	7	5	0	0	6	67	22	0	1	8	3	15	0	0	586
06:45	7	428	5	0	0	2	12	7	0	0	5	59	15	0	0	10	10	19	0	0	579
Total	47	1405	26	0	0	7	34	19	0	0	19	212	50	0	1	29	24	61	0	0	1934
07:00	13	466	12	0	0	1	4	5	0	0	8	96	23	0	0	13	11	17	0	0	669
07:15	18	486	6	0	0	4	11	6	0	0	7	100	28	0	0	8	8	25	0	1	708
07:30	13	469	8	0	0	9	10	7	0	1	3	82	21	0	0	8	7	24	0	0	662
07:45	9	467	12	1	0	5	8	12	0	0	13	85	30	0	0	14	9	12	0	1	678
Total	53	1888	38	1	0	19	33	30	0	1	31	363	102	0	0	43	35	78	0	2	2717
08:00	17	284	15	0	0	7	14	6	0	0	19	111	23	0	0	15	23	17	0	0	551
08:15	16	274	10	0	0	6	14	5	0	0	15	112	26	0	0	19	15	28	0	0	540
08:30	15	193	1	0	0	2	9	13	0	0	6	82	24	0	0	24	12	18	0	0	399
08:45	9	201	7	0	0	4	13	14	0	0	17	87	37	0	0	16	9	26	0	0	440
Total	57	952	33	0	0	19	50	38	0	0	57	392	110	0	0	74	59	89	0	0	1930
09:00	7	166	10	0	0	7	9	9	0	1	9	72	34	0	0	9	20	30	0	0	383
09:15	17	168	9	0	0	9	22	11	0	0	20	94	35	0	0	27	16	33	0	0	461
*****BREAK*****																					
Total	24	334	19	0	0	16	31	20	0	1	29	166	69	0	0	36	36	63	0	0	844
*****BREAK*****																					
10:30	21	130	15	0	0	5	26	16	0	0	10	118	26	0	0	30	30	46	0	0	473
10:45	28	148	11	0	0	7	17	16	0	0	19	100	37	0	0	39	30	37	0	1	490
Total	49	278	26	0	0	12	43	32	0	0	29	218	63	0	0	69	60	83	0	1	963
11:00	27	114	7	0	0	9	21	9	0	2	27	123	29	0	0	36	38	47	0	0	489
11:15	8	133	11	0	0	12	11	17	0	0	25	108	24	0	0	41	43	55	0	0	488
11:30	17	125	10	0	0	12	23	18	0	0	39	137	34	0	0	18	30	47	0	1	511
11:45	11	145	39	0	0	16	20	19	0	0	17	120	34	0	0	37	36	43	0	0	537
Total	63	517	67	0	0	49	75	63	0	2	108	488	121	0	0	132	147	192	0	1	2025
12:00	35	133	20	1	2	13	32	22	0	0	35	144	26	0	1	41	27	58	6	0	596
12:15	31	147	16	2	0	13	28	24	0	0	33	132	31	0	2	36	29	37	0	0	561
12:30	41	134	15	0	4	17	49	28	0	0	25	109	30	0	0	26	37	52	0	0	567
12:45	29	143	21	1	2	19	38	17	0	0	34	104	33	0	1	25	40	48	8	0	563
Total	136	557	72	4	8	62	147	91	0	0	127	489	120	0	4	128	133	195	14	0	2287
13:00	27	95	7	0	1	12	36	23	0	0	23	130	27	0	2	46	36	50	0	0	515
13:15	33	132	10	1	2	10	26	23	0	0	30	114	44	0	1	21	27	40	0	0	514
*****BREAK*****																					
Total	60	227	17	1	3	22	62	46	0	0	53	244	71	0	3	67	63	90	0	0	1029
*****BREAK*****																					
14:30	47	176	16	0	2	14	20	24	0	1	35	289	47	0	3	42	37	81	0	1	835
14:45	56	148	27	0	1	28	45	27	0	0	40	193	49	0	0	35	38	79	0	0	766
Total	103	324	43	0	3	42	65	51	0	1	75	482	96	0	3	77	75	160	0	1	1601
15:00	48	110	18	0	2	20	33	22	0	0	40	306	44	0	2	28	34	65	0	0	772
15:15	53	147	11	0	0	11	47	29	0	1	31	306	52	0	4	43	40	86	0	0	861
15:30	53	137	11	0	2	20	45	22	0	0	38	393	61	0	1	40	59	83	0	0	965
15:45	51	138	20	0	0	16	37	16	0	0	45	374	51	0	0	39	45	88	0	0	920
Total	205	532	60	0	4	67	162	89	0	1	154	1379	208	0	7	150	178	322	0	0	3518

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Groups Printed- Cars

Start Time	TH-47 Southbound					85th Ave NE Westbound					TH-47 Northbound					85th Ave NE 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	58	116	15	0	0	26	38	18	0	0	30	376	66	0	1	51	41	62	0	1	899
16:15	64	133	15	0	0	33	37	19	0	0	39	461	43	0	1	38	58	80	0	1	1022
16:30	71	92	9	0	0	21	31	25	0	0	41	465	62	0	0	51	47	79	0	0	994
16:45	88	184	27	0	1	28	45	11	0	0	55	477	56	0	0	46	48	93	0	0	1159
Total	281	525	66	0	1	108	151	73	0	0	165	1779	227	0	2	186	194	314	0	2	4074
17:00	56	145	14	0	0	28	40	30	0	0	48	430	54	0	0	37	47	104	0	0	1033
17:15	76	165	21	0	0	30	34	22	0	0	59	470	69	0	1	41	55	78	0	0	1121
17:30	60	156	17	0	0	27	47	28	0	0	33	324	46	0	1	38	57	89	0	1	924
17:45	64	132	26	0	0	31	42	36	0	0	51	311	53	0	2	41	34	62	0	1	886
Total	256	598	78	0	0	116	163	116	0	0	191	1535	222	0	4	157	193	333	0	2	3964
18:00	60	143	21	0	0	25	41	20	0	0	41	266	50	0	0	46	55	81	0	0	849
18:15	61	141	20	0	1	28	48	31	0	0	38	187	40	0	0	30	54	76	0	0	755
Grand Total	1455	8421	586	6	20	592	1105	719	0	6	1117	8200	1549	0	24	1224	1306	2137	14	9	28490
Apprch %	13.9	80.3	5.6	0.1	0.2	24.4	45.6	29.7	0	0.2	10.3	75.3	14.2	0	0.2	26.1	27.8	45.6	0.3	0.2	
Total %	5.1	29.6	2.1	0	0.1	2.1	3.9	2.5	0	0	3.9	28.8	5.4	0	0.1	4.3	4.6	7.5	0	0	

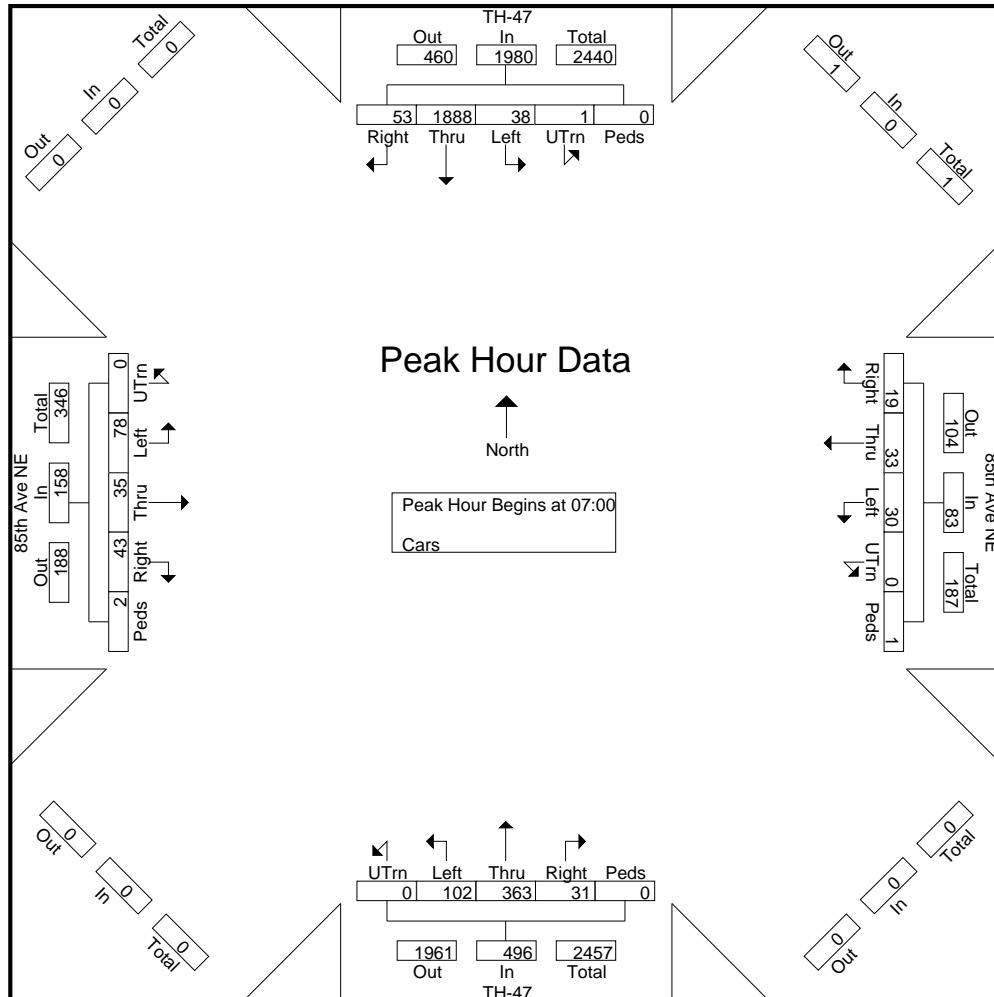
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	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:00	13	466	12	0	0	491	1	4	5	0	0	10	8	96	23	0	0	127	13	11	17	0	0	41	669
07:15	18	486	6	0	0	510	4	11	6	0	0	21	7	100	28	0	0	135	8	8	25	0	1	42	708
07:30	13	469	8	0	0	490	9	10	7	0	1	27	3	82	21	0	0	106	8	7	24	0	0	39	662
07:45	9	467	12	1	0	489	5	8	12	0	0	25	13	85	30	0	0	128	14	9	12	0	1	36	678
Total Volume	53	1888	38	1	0	1980	19	33	30	0	1	83	31	363	102	0	0	496	43	35	78	0	2	158	2717
% App. Total	2.7	95.4	1.9	0.1	0		22.9	39.8	36.1	0	1.2		6.2	73.2	20.6	0	0		27.2	22.2	49.4	0	1.3		
PHF	.736	.971	.792	.250	.000	.971	.528	.750	.625	.000	.250	.769	.596	.908	.850	.000	.000	.919	.768	.795	.780	.000	.500	.940	.959

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						85th Ave NE Westbound						TH-47 Northbound						85th Ave NE 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	
16:30	71	92	9	0	0	172	21	31	25	0	0	77	41	465	62	0	0	568	51	47	79	0	0	177	994
16:45	88	184	27	0	1	300	28	45	11	0	0	84	55	477	56	0	0	588	46	48	93	0	0	187	1159
17:00	56	145	14	0	0	215	28	40	30	0	0	98	48	430	54	0	0	532	37	47	104	0	0	188	1033
17:15	76	165	21	0	0	262	30	34	22	0	0	86	59	470	69	0	1	599	41	55	78	0	0	174	1121
Total Volume	291	586	71	0	1	949	107	150	88	0	0	345	203	1842	241	0	1	2287	175	197	354	0	0	726	4307
% App. Total	30.7	61.7	7.5	0	0.1		31	43.5	25.5	0	0		8.9	80.5	10.5	0	0		24.1	27.1	48.8	0	0		
PHF	.827	.796	.657	.000	.250	.791	.892	.833	.733	.000	.000	.880	.860	.965	.873	.000	.250	.955	.858	.895	.851	.000	.000	.965	.929

Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 16:30

