

Associated Consulting Services (ACS)

Saint Paul, MN 55127

-- TRAFFIC DATA --

TH-3 at CSAH-47_2019

Ref Pt: 014+00.931

Data Prepared By: ACS

TURNING MOVEMENT COUNT

File Name : TH-3 at CSAH-47_2019

Site Code :

Start Date : 12/4/2019

Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH-3 Southbound				CSAH-47 Westbound				TH-3 Northbound				Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	1	19	0	0	22	0	4	0	0	22	31	0	0	0	0	0	99
06:15	4	18	0	0	25	0	5	0	0	52	29	0	0	0	0	0	133
06:30	1	34	0	0	41	0	0	0	0	66	38	0	0	0	0	0	180
06:45	7	53	0	0	28	0	3	0	0	57	40	0	0	0	0	0	188
Total	13	124	0	0	116	0	12	0	0	197	138	0	0	0	0	0	600
07:00	0	40	0	0	25	0	8	0	0	44	43	0	0	0	0	0	160
07:15	5	52	0	0	32	0	1	0	0	56	53	0	0	0	0	0	199
07:30	9	64	0	0	36	0	5	0	0	80	57	0	0	0	0	0	251
07:45	6	73	0	0	34	0	5	0	0	62	35	0	0	0	0	0	215
Total	20	229	0	0	127	0	19	0	0	242	188	0	0	0	0	0	825
08:00	0	58	0	0	45	0	2	0	0	44	41	0	0	0	0	0	190
08:15	0	59	0	0	43	0	3	0	0	59	35	0	0	0	0	0	199
08:30	1	50	0	0	33	0	4	0	0	44	37	0	0	0	0	0	169
08:45	3	47	0	0	45	0	7	0	0	51	19	0	0	0	0	0	172
Total	4	214	0	0	166	0	16	0	0	198	132	0	0	0	0	0	730
09:00	1	46	0	0	30	0	3	0	0	54	23	0	0	0	0	0	157
09:15	2	56	0	0	37	0	1	0	0	49	24	0	0	0	0	0	169
09:30	2	34	0	0	28	0	1	0	0	43	22	0	0	0	0	0	130
09:45	1	33	0	0	27	0	3	0	0	31	28	0	0	0	0	0	123
Total	6	169	0	0	122	0	8	0	0	177	97	0	0	0	0	0	579
10:00	4	29	0	0	19	0	1	0	0	34	25	0	0	0	0	0	112
10:15	1	27	0	0	24	0	0	0	0	38	19	0	0	0	0	0	109
10:30	4	34	0	0	22	0	2	0	0	39	17	0	0	0	0	0	118
10:45	3	32	0	0	25	0	4	0	0	24	26	0	0	0	0	0	114
Total	12	122	0	0	90	0	7	0	0	135	87	0	0	0	0	0	453
11:00	0	34	0	0	19	0	4	0	0	45	24	0	0	0	0	0	126
11:15	1	25	0	0	24	0	1	0	0	39	20	0	0	0	0	0	110
11:30	3	32	0	0	29	0	0	0	0	32	27	0	0	0	0	0	123
11:45	0	39	0	0	21	0	1	0	0	35	24	0	0	0	0	0	120
Total	4	130	0	0	93	0	6	0	0	151	95	0	0	0	0	0	479
12:00	3	30	0	0	24	0	2	0	0	31	21	0	0	0	0	0	111
12:15	1	40	0	0	18	0	3	0	0	37	30	0	0	0	0	0	129
12:30	4	33	0	0	25	0	3	0	0	40	29	0	0	0	0	0	134
12:45	4	39	0	0	30	0	4	0	0	39	25	0	0	0	0	0	141
Total	12	142	0	0	97	0	12	0	0	147	105	0	0	0	0	0	515
13:00	4	32	0	0	22	0	2	0	0	44	27	0	0	0	0	0	131
13:15	5	26	0	0	21	0	5	0	0	30	23	0	0	0	0	0	110
13:30	4	39	0	0	24	0	2	0	0	43	27	0	0	0	0	0	139
13:45	1	47	0	0	22	0	5	0	0	38	26	0	0	0	0	0	139
Total	14	144	0	0	89	0	14	0	0	155	103	0	0	0	0	0	519
14:00	7	23	0	0	23	0	3	0	0	44	25	0	0	0	0	0	125
14:15	3	42	0	0	30	0	3	0	0	59	31	0	0	0	0	0	168
14:30	7	53	0	0	33	0	4	0	0	59	39	0	0	0	0	0	195

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TURNING MOVEMENT COUNT

File Name : TH-3 at CSAH-47_2019

Site Code :

Start Date : 12/4/2019

Page No : 2

Groups Printed- Cars - Trucks																	
	TH-3 Southbound				CSAH-47 Westbound				TH-3 Northbound				Eastbound				Int. Total
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
14:45	3	56	0	0	35	0	5	0	0	46	40	0	0	0	0	0	185
Total	20	174	0	0	121	0	15	0	0	208	135	0	0	0	0	0	673
15:00	5	46	0	0	46	0	8	0	0	46	47	0	0	0	0	0	198
15:15	1	50	0	0	37	0	2	0	0	52	36	0	0	0	0	0	178
15:30	6	66	0	0	26	0	1	0	0	61	39	0	0	0	0	0	199
15:45	5	76	0	0	41	0	4	0	0	45	45	0	0	0	0	0	216
Total	17	238	0	0	150	0	15	0	0	204	167	0	0	0	0	0	791
16:00	2	53	0	0	40	0	8	0	0	44	46	0	0	0	0	0	193
16:15	5	80	0	0	63	0	4	0	0	48	46	0	0	0	0	0	246
16:30	5	86	0	0	47	0	3	0	0	60	48	0	0	0	0	0	249
16:45	5	72	0	0	39	0	8	0	0	65	45	0	0	0	0	0	234
Total	17	291	0	0	189	0	23	0	0	217	185	0	0	0	0	0	922
17:00	4	67	0	0	49	0	4	0	0	73	46	0	0	0	0	0	243
17:15	5	77	0	0	58	0	5	0	0	58	50	0	0	0	0	0	253
17:30	4	64	0	0	71	0	1	0	0	56	34	0	0	0	0	0	230
17:45	3	59	0	0	58	0	1	0	0	50	25	0	0	0	0	0	196
Total	16	267	0	0	236	0	11	0	0	237	155	0	0	0	0	0	922
Grand Total	155	2244	0	0	1596	0	158	0	0	2268	1587	0	0	0	0	0	8008
Apprch %	6.5	93.5	0	0	91	0	9	0	0	58.8	41.2	0	0	0	0	0	
Total %	1.9	28	0	0	19.9	0	2	0	0	28.3	19.8	0	0	0	0	0	
Cars	142	2035	0	0	1324	0	139	0	0	2045	1322	0	0	0	0	0	7007
% Cars	91.6	90.7	0	0	83	0	88	0	0	90.2	83.3	0	0	0	0	0	87.5
Trucks	13	209	0	0	272	0	19	0	0	223	265	0	0	0	0	0	1001
% Trucks	8.4	9.3	0	0	17	0	12	0	0	9.8	16.7	0	0	0	0	0	12.5

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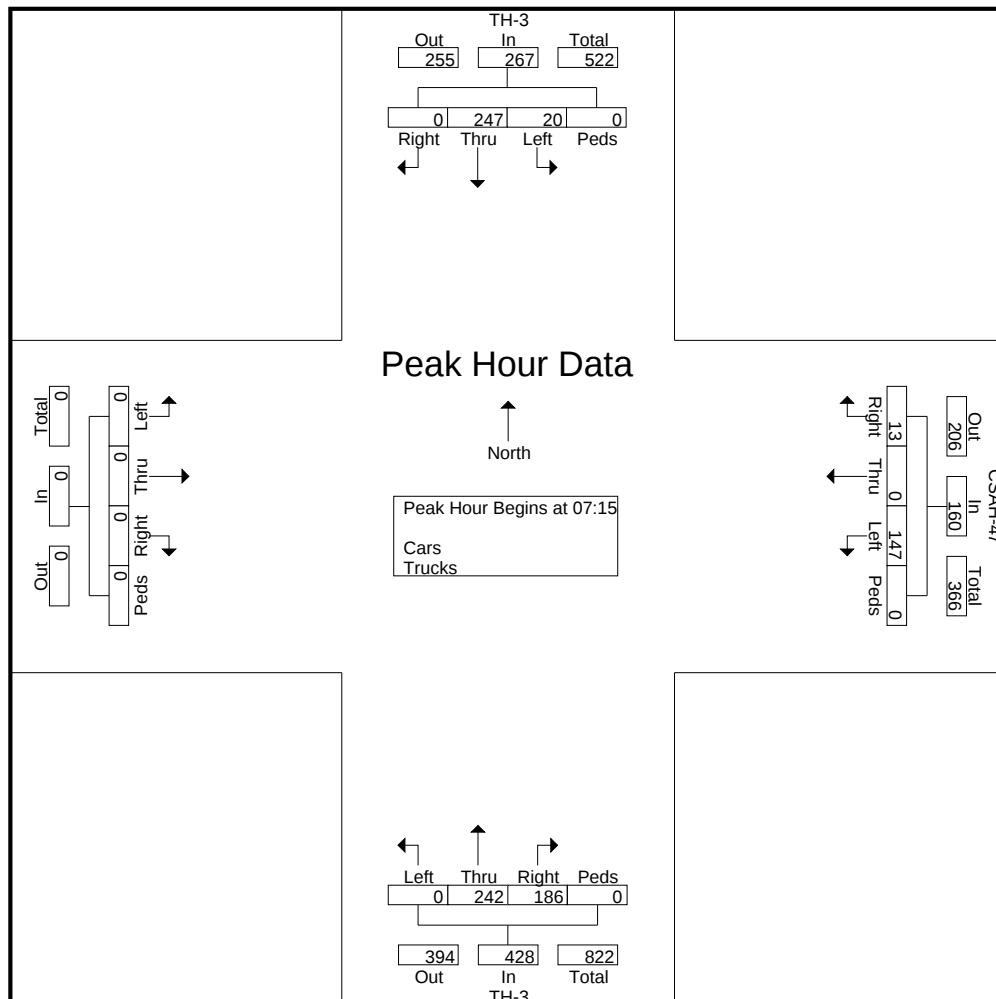
File Name : TH-3 at CSAH-47_2019

Site Code :

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	TH-3 Southbound					CSAH-47 Westbound					TH-3 Northbound					Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	5	52	0	0	57	32	0	1	0	33	0	56	53	0	109	0	0	0	0	0	199
07:30	9	64	0	0	73	36	0	5	0	41	0	80	57	0	137	0	0	0	0	0	251
07:45	6	73	0	0	79	34	0	5	0	39	0	62	35	0	97	0	0	0	0	0	215
08:00	0	58	0	0	58	45	0	2	0	47	0	44	41	0	85	0	0	0	0	0	190
Total Volume	20	247	0	0	267	147	0	13	0	160	0	242	186	0	428	0	0	0	0	0	855
% App. Total	7.5	92.5	0	0		91.9	0	8.1	0		0	56.5	43.5	0		0	0	0	0	0	
PHF	.556	.846	.000	.000	.845	.817	.000	.650	.000	.851	.000	.756	.816	.000	.781	.000	.000	.000	.000	.000	.852



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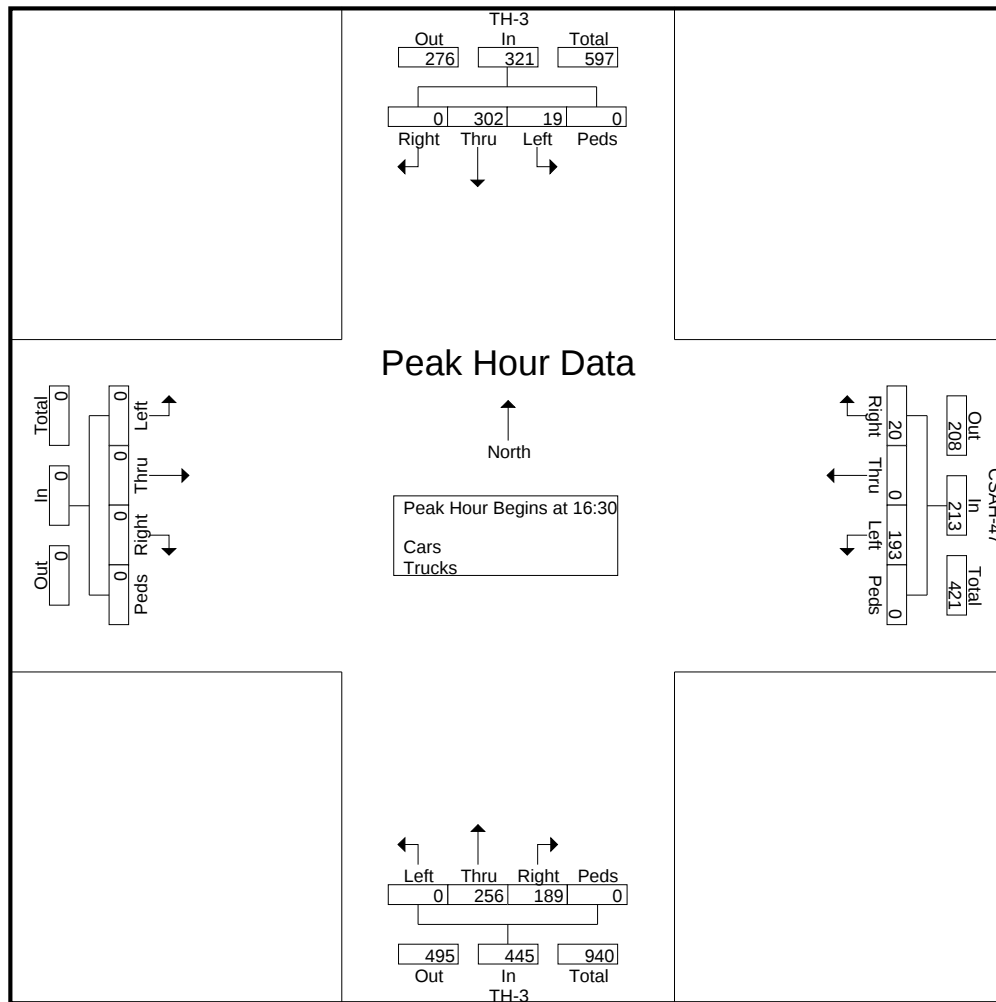
File Name : TH-3 at CSAH-47_2019

Site Code :

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	TH-3 Southbound					CSAH-47 Westbound					TH-3 Northbound					Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	5	86	0	0	91	47	0	3	0	50	0	60	48	0	108	0	0	0	0	0	249
16:45	5	72	0	0	77	39	0	8	0	47	0	65	45	0	110	0	0	0	0	0	234
17:00	4	67	0	0	71	49	0	4	0	53	0	73	46	0	119	0	0	0	0	0	243
17:15	5	77	0	0	82	58	0	5	0	63	0	58	50	0	108	0	0	0	0	0	253
Total Volume	19	302	0	0	321	193	0	20	0	213	0	256	189	0	445	0	0	0	0	0	979
% App. Total	5.9	94.1	0	0		90.6	0	9.4	0		0	57.5	42.5	0		0	0	0	0		
PHF	.950	.878	.000	.000	.882	.832	.000	.625	.000	.845	.000	.877	.945	.000	.935	.000	.000	.000	.000	.000	.967



MINNESOTA DEPARTMENT of TRANSPORTATION
DATA COLLECTION UNIT

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File Name : TH-3 at CSAH-47_2019
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TRUCKS ONLY

Groups Printed- Trucks

	TH-3 South Bound				CSAH-47 West Bound				TH-3 North Bound				East Bound				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Int. Total
06:00 AM	0	0	0	0	0	0	5	0	7	1	0	0	0	0	0	0	13
06:15 AM	0	2	0	0	1	0	3	0	5	0	0	0	0	0	0	0	11
06:30 AM	0	4	0	0	0	0	2	0	9	1	0	0	0	0	0	0	16
06:45 AM	0	1	0	0	0	0	2	0	6	6	0	0	0	0	0	0	15
Total	0	7	0	0	1	0	12	0	27	8	0	0	0	0	0	0	55
07:00 AM	0	3	0	0	0	0	2	0	1	2	0	0	0	0	0	0	8
07:15 AM	0	2	1	0	0	0	1	0	6	4	0	0	0	0	0	0	14
07:30 AM	0	4	0	0	0	0	3	0	5	11	0	0	0	0	0	0	23
07:45 AM	0	5	0	0	0	0	5	0	4	3	0	0	0	0	0	0	17
Total	0	14	1	0	0	0	11	0	16	20	0	0	0	0	0	0	62
08:00 AM	0	7	0	0	0	0	8	0	1	4	0	0	0	0	0	0	20
08:15 AM	0	6	0	0	1	0	10	0	6	9	0	0	0	0	0	0	32
08:30 AM	0	2	0	0	1	0	2	0	4	10	0	0	0	0	0	0	19
08:45 AM	0	4	0	0	0	0	7	0	2	6	0	0	0	0	0	0	19
Total	0	19	0	0	2	0	27	0	13	29	0	0	0	0	0	0	90
09:00 AM	0	6	0	0	0	0	6	0	7	6	0	0	0	0	0	0	25
09:15 AM	0	14	0	0	1	0	9	0	2	7	0	0	0	0	0	0	33
09:30 AM	0	6	0	0	0	0	3	0	8	10	0	0	0	0	0	0	27
09:45 AM	0	6	0	0	1	0	3	0	4	5	0	0	0	0	0	0	19
Total	0	32	0	0	2	0	21	0	21	28	0	0	0	0	0	0	104
10:00 AM	0	7	0	0	1	0	6	0	4	3	0	0	0	0	0	0	21
10:15 AM	0	4	0	0	0	0	13	0	7	4	0	0	0	0	0	0	28
10:30 AM	0	8	1	0	0	0	5	0	8	5	0	0	0	0	0	0	27
10:45 AM	0	6	1	0	0	0	7	0	6	6	0	0	0	0	0	0	26
Total	0	25	2	0	1	0	31	0	25	18	0	0	0	0	0	0	102
11:00 AM	0	6	0	0	0	0	4	0	6	5	0	0	0	0	0	0	21
11:15 AM	0	5	0	0	0	0	7	0	3	5	0	0	0	0	0	0	20
11:30 AM	0	3	1	0	0	0	13	0	8	7	0	0	0	0	0	0	32
11:45 AM	0	10	0	0	0	0	5	0	7	0	0	0	0	0	0	0	22
Total	0	24	1	0	0	0	29	0	24	17	0	0	0	0	0	0	95
12:00 PM	0	4	0	0	0	0	2	0	3	10	0	0	0	0	0	0	19
12:15 PM	0	5	0	0	0	0	9	0	10	5	0	0	0	0	0	0	29
12:30 PM	0	1	0	0	1	0	8	0	9	5	0	0	0	0	0	0	24
12:45 PM	0	3	0	0	0	0	7	0	10	3	0	0	0	0	0	0	23
Total	0	13	0	0	1	0	26	0	32	23	0	0	0	0	0	0	95
01:00 PM	0	5	0	0	1	0	7	0	6	7	0	0	0	0	0	0	26
01:15 PM	0	6	1	0	1	0	5	0	7	5	0	0	0	0	0	0	25
01:30 PM	0	5	1	0	1	0	7	0	5	6	0	0	0	0	0	0	25
01:45 PM	0	11	0	0	1	0	7	0	4	3	0	0	0	0	0	0	26
Total	0	27	2	0	4	0	26	0	22	21	0	0	0	0	0	0	102
02:00 PM	0	3	1	0	0	0	6	0	8	4	0	0	0	0	0	0	22

MINNESOTA DEPARTMENT of TRANSPORTATION
DATA COLLECTION UNIT

TH-3 at CSAH-47_2019
Ref Pt: 014+00.931
Data Prepared By: ACS
TURNING MOVEMENT COUNT

File Name : TH-3 at CSAH-47_2019
Site Code :
Start Date : 12/4/2019
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Groups Printed- Trucks

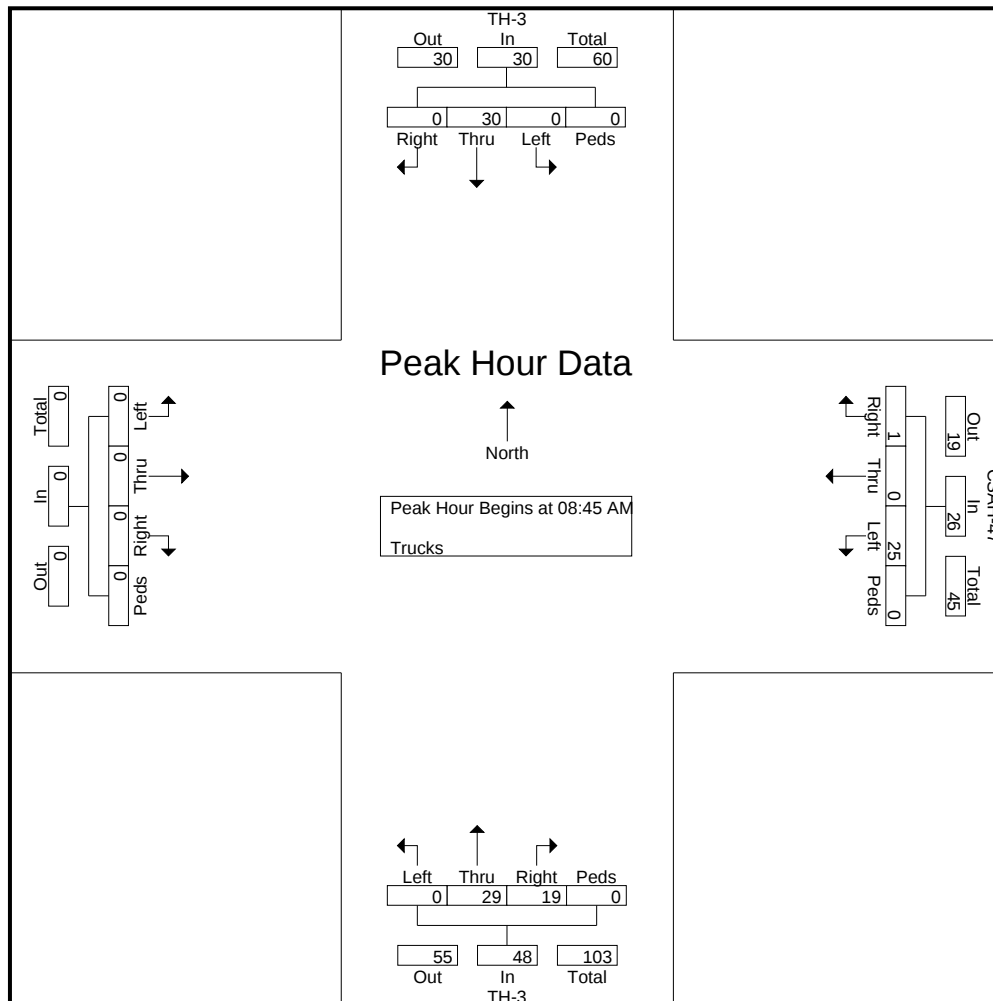
Start Time	TH-3 South Bound				CSAH-47 West Bound				TH-3 North Bound				East Bound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
02:15 PM	0	6	0	0	0	0	9	0	4	13	0	0	0	0	0	0	32
02:30 PM	0	6	0	0	1	0	8	0	5	11	0	0	0	0	0	0	31
02:45 PM	0	2	1	0	1	0	9	0	7	4	0	0	0	0	0	0	24
Total	0	17	2	0	2	0	32	0	24	32	0	0	0	0	0	0	109
03:00 PM	0	5	0	0	2	0	5	0	8	1	0	0	0	0	0	0	21
03:15 PM	0	3	0	0	0	0	8	0	4	4	0	0	0	0	0	0	19
03:30 PM	0	2	0	0	1	0	8	0	6	7	0	0	0	0	0	0	24
03:45 PM	0	2	1	0	0	0	5	0	7	2	0	0	0	0	0	0	17
Total	0	12	1	0	3	0	26	0	25	14	0	0	0	0	0	0	81
04:00 PM	0	4	0	0	0	0	5	0	5	0	0	0	0	0	0	0	14
04:15 PM	0	4	1	0	1	0	7	0	8	1	0	0	0	0	0	0	22
04:30 PM	0	5	0	0	0	0	5	0	6	4	0	0	0	0	0	0	20
04:45 PM	0	0	0	0	1	0	1	0	8	1	0	0	0	0	0	0	11
Total	0	13	1	0	2	0	18	0	27	6	0	0	0	0	0	0	67
05:00 PM	0	1	1	0	0	0	2	0	4	2	0	0	0	0	0	0	10
05:15 PM	0	0	0	0	1	0	3	0	3	4	0	0	0	0	0	0	11
05:30 PM	0	1	1	0	0	0	7	0	0	0	0	0	0	0	0	0	9
05:45 PM	0	4	1	0	0	0	1	0	2	1	0	0	0	0	0	0	9
Total	0	6	3	0	1	0	13	0	9	7	0	0	0	0	0	0	39
Grand Total	0	209	13	0	19	0	272	0	265	223	0	0	0	0	0	0	1001
Apprch %	0	94.1	5.9	0	6.5	0	93.5	0	54.3	45.7	0	0	0	0	0	0	
Total %	0	20.9	1.3	0	1.9	0	27.2	0	26.5	22.3	0	0	0	0	0	0	

MINNESOTA DEPARTMENT of TRANSPORTATION
DATA COLLECTION UNIT

TH-3 at CSAH-47_2019
Ref Pt: 014+00.931
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File Name : TH-3 at CSAH-47_2019
Site Code :
Start Date : 12/4/2019
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	TH-3 South Bound					CSAH-47 West Bound					TH-3 North Bound					East Bound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:45 AM																					
08:45 AM	0	4	0	0	4	0	0	7	0	7	2	6	0	0	8	0	0	0	0	0	19
09:00 AM	0	6	0	0	6	0	0	6	0	6	7	6	0	0	13	0	0	0	0	0	25
09:15 AM	0	14	0	0	14	1	0	9	0	10	2	7	0	0	9	0	0	0	0	0	33
09:30 AM	0	6	0	0	6	0	0	3	0	3	8	10	0	0	18	0	0	0	0	0	27
Total Volume	0	30	0	0	30	1	0	25	0	26	19	29	0	0	48	0	0	0	0	0	104
% App. Total	0	100	0	0		3.8	0	96.2	0		39.6	60.4	0	0		0	0	0	0		
PHF	.000	.536	.000	.000	.536	.250	.000	.694	.000	.650	.594	.725	.000	.000	.667	.000	.000	.000	.000	.000	.788



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	TH-3 South Bound					CSAH-47 West Bound					TH-3 North Bound					East Bound					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:45 PM																					
01:45 PM	0	11	0	0	11	1	0	7	0	8	4	3	0	0	7	0	0	0	0	0	26
02:00 PM	0	3	1	0	4	0	0	6	0	6	8	4	0	0	12	0	0	0	0	0	22
02:15 PM	0	6	0	0	6	0	0	9	0	9	4	13	0	0	17	0	0	0	0	0	32
02:30 PM	0	6	0	0	6	1	0	8	0	9	5	11	0	0	16	0	0	0	0	0	31
Total Volume	0	26	1	0	27	2	0	30	0	32	21	31	0	0	52	0	0	0	0	0	111
% App. Total	0	96.3	3.7	0		6.2	0	93.8	0		40.4	59.6	0	0		0	0	0	0		
PHF	.000	.591	.250	.000	.614	.500	.000	.833	.000	.889	.656	.596	.000	.000	.765	.000	.000	.000	.000	.000	.867

