

MINNESOTA DEPARTMENT of TRANSPORTATION
DATA COLLECTION UNIT

TH-7 at CSAH-123/23
 Ref.Pt.: 165+00.990
 Video by BW
 TURN MOVEMENTS

File Name : TH-7 at CSAH-123 and 23
 Site Code :
 Start Date : 11/5/2019
 Page No : 1

Groups Printed- Cars + - Trucks

Start Time	CR 123 South Bound				TH 7 West Bound				CSAH 23 North Bound				TH 7 East Bound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00 AM	0	0	0	0	0	16	1	0	0	0	1	0	5	110	0	0	133
06:15 AM	0	1	1	0	0	43	0	0	2	0	2	0	6	154	1	0	210
06:30 AM	0	0	0	0	0	43	0	0	2	0	3	0	5	154	0	0	207
06:45 AM	0	1	0	0	0	60	0	0	2	2	4	0	4	141	0	0	214
Total	0	2	1	0	0	162	1	0	6	2	10	0	20	559	1	0	764
07:00 AM	0	3	2	0	0	57	1	0	0	0	4	0	6	139	0	0	212
07:15 AM	1	0	0	0	0	64	0	0	1	1	4	0	5	138	1	0	215
07:30 AM	0	2	0	0	0	76	0	0	0	2	4	0	6	145	0	0	235
07:45 AM	0	2	0	0	0	43	0	0	1	3	2	0	8	119	0	0	178
Total	1	7	2	0	0	240	1	0	2	6	14	0	25	541	1	0	840
08:00 AM	1	3	2	0	0	55	0	0	0	1	6	0	8	67	0	0	143
08:15 AM	0	0	0	0	0	54	1	0	1	2	2	0	2	101	1	0	164
08:30 AM	0	2	1	0	0	41	0	0	0	3	4	0	4	91	0	0	146
08:45 AM	3	0	0	0	0	37	0	0	0	0	3	0	3	50	0	0	96
Total	4	5	3	0	0	187	1	0	1	6	15	0	17	309	1	0	549
09:00 AM	1	0	0	0	0	41	0	0	0	1	3	0	6	67	0	0	119
09:15 AM	1	2	1	0	0	46	1	0	1	1	7	0	3	77	0	0	140
09:30 AM	0	0	0	0	2	53	0	0	0	0	0	0	3	55	0	0	113
09:45 AM	0	2	0	0	1	41	3	0	1	2	5	0	6	50	0	0	111
Total	2	4	1	0	3	181	4	0	2	4	15	0	18	249	0	0	483
10:00 AM	1	1	0	0	0	43	1	0	1	1	3	0	6	52	0	0	109
10:15 AM	1	0	0	0	0	50	0	0	0	2	1	0	1	53	0	0	108
10:30 AM	1	0	1	0	0	44	0	0	0	1	3	0	10	54	0	0	114
10:45 AM	0	0	0	0	0	53	0	0	0	2	7	0	2	56	0	0	120
Total	3	1	1	0	0	190	1	0	1	6	14	0	19	215	0	0	451
11:00 AM	0	0	0	0	1	49	0	0	0	0	6	0	8	56	1	0	121
11:15 AM	1	1	1	0	0	41	0	0	0	1	3	0	6	54	1	0	109
11:30 AM	1	2	2	0	0	48	0	0	1	3	3	0	2	49	0	0	111
11:45 AM	0	0	1	0	1	31	0	0	0	5	4	0	2	40	0	0	84
Total	2	3	4	0	2	169	0	0	1	9	16	0	18	199	2	0	425
12:00 PM	1	0	0	0	0	42	1	0	0	1	0	0	6	39	0	0	90
12:15 PM	0	1	0	0	0	52	0	0	0	1	4	0	3	47	1	0	109
12:30 PM	2	1	1	0	0	32	1	0	0	0	1	0	4	53	0	0	95
12:45 PM	0	0	0	0	0	68	0	0	2	1	4	0	1	45	0	0	121
Total	3	2	1	0	0	194	2	0	2	3	9	0	14	184	1	0	415
01:00 PM	0	1	0	0	0	55	1	0	0	0	4	0	3	51	1	0	116
01:15 PM	0	1	0	0	1	56	0	0	0	2	2	0	1	50	0	0	113
01:30 PM	3	2	0	0	1	67	1	0	1	2	5	0	6	63	0	0	151
01:45 PM	1	1	0	0	1	61	0	0	1	1	3	0	1	48	1	0	119
Total	4	5	0	0	3	239	2	0	2	5	14	0	11	212	2	0	499
02:00 PM	2	0	0	0	0	61	0	0	0	0	3	0	3	48	0	0	117
02:15 PM	0	1	1	0	1	64	1	0	0	2	4	0	1	70	0	0	145
02:30 PM	0	1	1	0	2	92	0	0	1	0	2	0	2	65	0	0	166
02:45 PM	0	1	0	0	0	113	2	0	1	2	3	0	8	59	1	0	190
Total	2	3	2	0	3	330	3	0	2	4	12	0	14	242	1	0	618

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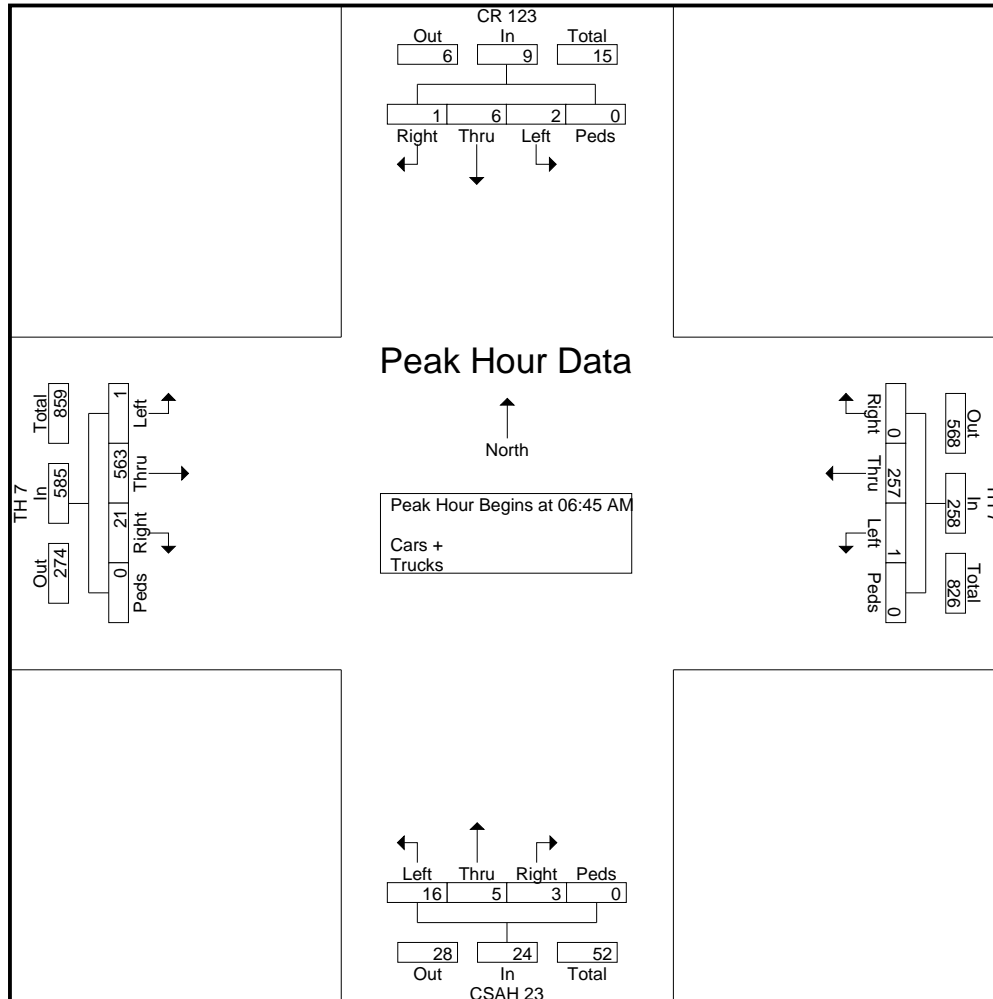
Start Time	CR 123 South Bound				TH 7 West Bound				CSAH 23 North Bound				TH 7 East Bound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
03:00 PM	0	1	0	0	0	100	4	0	0	2	8	0	0	48	1	0	164
03:15 PM	1	2	0	0	0	99	1	0	2	2	3	0	3	53	0	0	166
03:30 PM	1	0	0	0	2	122	1	0	0	3	3	0	3	54	1	0	190
03:45 PM	0	0	0	0	0	135	2	0	0	3	3	0	5	75	0	0	223
Total	2	3	0	0	2	456	8	0	2	10	17	0	11	230	2	0	743
04:00 PM	0	1	1	0	0	144	3	0	1	2	7	0	3	72	0	0	234
04:15 PM	1	0	0	0	0	132	0	0	0	1	3	0	6	63	0	0	206
04:30 PM	0	1	0	0	1	148	0	0	2	2	4	0	4	70	0	0	232
04:45 PM	1	1	0	0	2	146	1	0	2	1	8	0	7	74	0	0	243
Total	2	3	1	0	3	570	4	0	5	6	22	0	20	279	0	0	915
05:00 PM	1	1	0	0	2	155	2	0	3	0	6	0	4	82	4	0	260
05:15 PM	0	3	1	0	0	145	0	0	1	1	2	0	2	71	1	0	227
05:30 PM	0	2	0	0	0	154	1	0	0	2	3	0	4	83	2	0	251
05:45 PM	0	2	0	0	0	126	1	0	0	0	6	0	4	61	0	0	200
Total	1	8	1	0	2	580	4	0	4	3	17	0	14	297	7	0	938
Grand Total	26	46	17	0	18	3498	31	0	30	64	175	0	201	3516	18	0	7640
Apprch %	29.2	51.7	19.1	0	0.5	98.6	0.9	0	11.2	23.8	65.1	0	5.4	94.1	0.5	0	
Total %	0.3	0.6	0.2	0	0.2	45.8	0.4	0	0.4	0.8	2.3	0	2.6	46	0.2	0	
Cars +	26	46	17	0	18	3497	31	0	30	64	175	0	201	3516	18	0	7639
% Cars +	100	100	100	0	100	100	100	0	100	100	100	0	100	100	100	0	100
Trucks	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Start Time	CR 123 South Bound					TH 7 West Bound					CSAH 23 North Bound					TH 7 East Bound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	0	1	0	0	1	0	60	0	0	60	2	2	4	0	8	4	141	0	0	145	214
07:00 AM	0	3	2	0	5	0	57	1	0	58	0	0	4	0	4	6	139	0	0	145	212
07:15 AM	1	0	0	0	1	0	64	0	0	64	1	1	4	0	6	5	138	1	0	144	215
07:30 AM	0	2	0	0	2	0	76	0	0	76	0	2	4	0	6	6	145	0	0	151	235
Total Volume	1	6	2	0	9	0	257	1	0	258	3	5	16	0	24	21	563	1	0	585	876
% App. Total	11.1	66.7	22.2	0		0	99.6	0.4	0		12.5	20.8	66.7	0		3.6	96.2	0.2	0		
PHF	.250	.500	.250	.000	.450	.000	.845	.250	.000	.849	.375	.625	1.00	.000	.750	.875	.971	.250	.000	.969	.932



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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	1	1	0	0	2	2	146	1	0	149	2	1	8	0	11	7	74	0	0	81	243
05:00 PM	1	1	0	0	2	2	155	2	0	159	3	0	6	0	9	4	82	4	0	90	260
05:15 PM	0	3	1	0	4	0	145	0	0	145	1	1	2	0	4	2	71	1	0	74	227
05:30 PM	0	2	0	0	2	0	154	1	0	155	0	2	3	0	5	4	83	2	0	89	251
Total Volume	2	7	1	0	10	4	600	4	0	608	6	4	19	0	29	17	310	7	0	334	981
% App. Total	20	70	10	0		0.7	98.7	0.7	0		20.7	13.8	65.5	0		5.1	92.8	2.1	0		
PHF	.500	.583	.250	.000	.625	.500	.968	.500	.000	.956	.500	.500	.594	.000	.659	.607	.934	.438	.000	.928	.943

