

Associated Consulting Services (ACS)
 Roseville, MN 55113
 -- TRAFFIC DATA --

MN-3 at CSAH-47 (Northfield Blvd)_2022
 City: Waterford Township
 Data Prepared By: ACS
 TURNING MOVEMENT COUNT

File Name : MN-3 at CSAH-47 (Northfield Blvd)_2022
 Site Code :
 Start Date : 12/6/2022
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	MN-3 Southbound				CSAH-47 (Northfield Blvd) Westbound				MN-3 Northbound				Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	2	19	0	0	14	0	1	0	0	36	16	0	0	0	0	0	88
06:15	2	28	0	0	28	0	1	0	0	47	26	0	0	0	0	0	132
06:30	7	26	0	0	24	0	4	0	0	58	44	0	0	0	0	0	163
06:45	7	46	0	0	43	0	5	0	0	57	35	0	0	0	0	0	193
Total	18	119	0	0	109	0	11	0	0	198	121	0	0	0	0	0	576
07:00	3	42	0	0	35	0	2	0	0	50	31	0	0	0	0	0	163
07:15	8	69	0	0	25	0	3	0	0	55	39	0	0	0	0	0	199
07:30	9	83	0	0	40	0	3	0	0	54	38	0	0	0	0	0	227
07:45	5	63	0	0	46	0	5	0	0	53	40	0	0	0	0	0	212
Total	25	257	0	0	146	0	13	0	0	212	148	0	0	0	0	0	801
08:00	6	58	0	0	56	0	4	0	0	71	27	0	0	0	0	0	222
08:15	5	62	0	0	28	0	4	0	0	48	26	0	0	0	0	0	173
08:30	6	31	0	0	27	0	5	0	0	42	23	0	0	0	0	0	134
08:45	7	48	0	0	37	0	4	0	0	24	23	0	0	0	0	0	143
Total	24	199	0	0	148	0	17	0	0	185	99	0	0	0	0	0	672
09:00	6	32	0	0	27	0	5	0	0	18	30	0	0	0	0	0	118
09:15	4	26	0	0	23	0	6	0	0	21	18	0	0	0	0	0	98
09:30	3	32	0	0	34	0	2	0	0	36	29	0	0	0	0	0	136
09:45	4	34	0	0	35	0	4	0	0	25	17	0	0	0	0	0	119
Total	17	124	0	0	119	0	17	0	0	100	94	0	0	0	0	0	471
10:00	2	32	0	0	27	0	6	0	0	35	20	0	0	0	0	0	122
10:15	5	34	0	0	19	0	2	0	0	23	18	0	0	0	0	0	101
10:30	2	28	0	0	28	0	0	0	0	25	29	0	0	0	0	0	112
10:45	2	38	0	0	27	0	2	0	0	30	23	0	0	0	0	0	122
Total	11	132	0	0	101	0	10	0	0	113	90	0	0	0	0	0	457
11:00	4	27	0	0	31	0	4	0	0	27	19	0	0	0	0	0	112
11:15	6	18	0	0	31	0	1	0	0	47	25	0	0	0	0	0	128
11:30	3	33	0	0	30	0	2	0	0	42	26	0	0	0	0	0	136
11:45	1	37	0	0	33	0	1	0	0	33	34	0	0	0	0	0	139
Total	14	115	0	0	125	0	8	0	0	149	104	0	0	0	0	0	515
12:00	3	34	0	0	26	0	1	0	0	28	29	0	0	0	0	0	121
12:15	2	24	0	0	20	0	3	0	0	27	23	0	0	0	0	0	99
12:30	6	31	0	0	23	0	4	0	0	25	19	0	0	0	0	0	108
12:45	8	29	0	0	24	0	2	0	0	45	29	0	0	0	0	0	137
Total	19	118	0	0	93	0	10	0	0	125	100	0	0	0	0	0	465
13:00	7	31	0	0	13	0	2	0	0	36	26	0	0	0	0	0	115
13:15	10	28	0	0	26	0	6	0	0	40	19	0	0	0	0	0	129
13:30	1	25	0	0	27	0	2	0	0	37	22	0	0	0	0	0	114
13:45	4	29	0	0	30	0	2	0	0	38	21	0	0	0	0	0	124
Total	22	113	0	0	96	0	12	0	0	151	88	0	0	0	0	0	482
14:00	5	34	0	0	26	0	4	0	0	41	29	0	0	0	0	0	139
14:15	6	37	0	0	26	0	2	0	0	44	26	0	0	0	0	0	141
14:30	8	53	0	0	37	0	4	0	0	41	26	0	0	0	0	0	169

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Groups Printed- Cars - Trucks

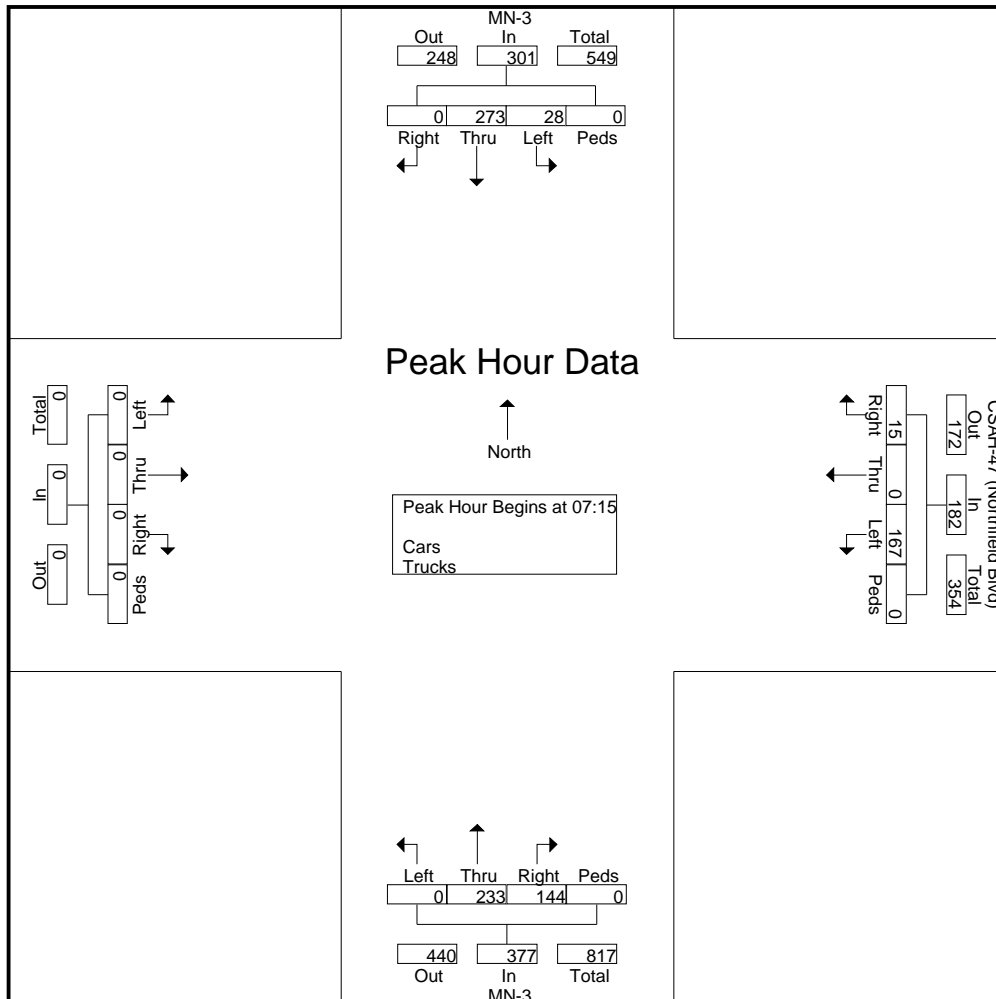
Start Time	MN-3 Southbound				CSAH-47 (Northfield Blvd) Westbound				MN-3 Northbound				Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
14:45	8	63	0	0	34	0	2	0	0	34	36	0	0	0	0	0	177
Total	27	187	0	0	123	0	12	0	0	160	117	0	0	0	0	0	626
15:00	9	45	0	0	33	0	7	0	0	43	41	0	0	0	0	0	178
15:15	4	57	0	0	30	0	6	0	0	48	35	0	0	0	0	0	180
15:30	6	60	0	0	36	0	8	0	0	72	47	0	0	0	0	0	229
15:45	11	75	0	0	46	0	1	0	0	59	44	0	0	0	0	0	236
Total	30	237	0	0	145	0	22	0	0	222	167	0	0	0	0	0	823
16:00	4	68	0	0	32	0	1	0	0	76	33	0	0	0	0	0	214
16:15	12	86	0	0	51	0	5	0	0	64	41	0	0	0	0	0	259
16:30	7	59	0	0	42	0	6	0	0	68	30	0	0	0	0	0	212
16:45	2	66	0	0	36	0	6	0	0	76	48	0	0	0	0	0	234
Total	25	279	0	0	161	0	18	0	0	284	152	0	0	0	0	0	919
17:00	9	67	0	0	40	0	8	0	0	66	39	0	0	0	0	0	229
17:15	8	65	0	0	30	0	6	0	0	63	51	0	0	0	0	0	223
17:30	4	58	0	0	35	0	3	0	0	51	27	0	0	0	0	0	178
17:45	5	61	0	0	24	0	6	0	0	41	13	0	0	0	0	0	150
Total	26	251	0	0	129	0	23	0	0	221	130	0	0	0	0	0	780
Grand Total	258	2131	0	0	1495	0	173	0	0	2120	1410	0	0	0	0	0	7587
Apprch %	10.8	89.2	0	0	89.6	0	10.4	0	0	60.1	39.9	0	0	0	0	0	
Total %	3.4	28.1	0	0	19.7	0	2.3	0	0	27.9	18.6	0	0	0	0	0	
Cars	231	1996	0	0	1169	0	153	0	0	2001	1143	0	0	0	0	0	6693
% Cars	89.5	93.7	0	0	78.2	0	88.4	0	0	94.4	81.1	0	0	0	0	0	88.2
Trucks	27	135	0	0	326	0	20	0	0	119	267	0	0	0	0	0	894
% Trucks	10.5	6.3	0	0	21.8	0	11.6	0	0	5.6	18.9	0	0	0	0	0	11.8

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Start Time	MN-3 Southbound					CSAH-47 (Northfield Blvd) Westbound					MN-3 Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. 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	8	69	0	0	77	25	0	3	0	28	0	55	39	0	94	0	0	0	0	0	199
07:30	9	83	0	0	92	40	0	3	0	43	0	54	38	0	92	0	0	0	0	0	227
07:45	5	63	0	0	68	46	0	5	0	51	0	53	40	0	93	0	0	0	0	0	212
08:00	6	58	0	0	64	56	0	4	0	60	0	71	27	0	98	0	0	0	0	0	222
Total Volume	28	273	0	0	301	167	0	15	0	182	0	233	144	0	377	0	0	0	0	0	860
% App. Total	9.3	90.7	0	0		91.8	0	8.2	0		0	61.8	38.2	0		0	0	0	0		
PHF	.778	.822	.000	.000	.818	.746	.000	.750	.000	.758	.000	.820	.900	.000	.962	.000	.000	.000	.000	.000	.947



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Start Time	MN-3 Southbound					CSAH-47 (Northfield Blvd) Westbound					MN-3 Northbound					Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 15:30																					
15:30	6	60	0	0	66	36	0	8	0	44	0	72	47	0	119	0	0	0	0	0	229
15:45	11	75	0	0	86	46	0	1	0	47	0	59	44	0	103	0	0	0	0	0	236
16:00	4	68	0	0	72	32	0	1	0	33	0	76	33	0	109	0	0	0	0	0	214
16:15	12	86	0	0	98	51	0	5	0	56	0	64	41	0	105	0	0	0	0	0	259
Total Volume	33	289	0	0	322	165	0	15	0	180	0	271	165	0	436	0	0	0	0	0	938
% App. Total	10.2	89.8	0	0		91.7	0	8.3	0		0	62.2	37.8	0		0	0	0	0		
PHF	.688	.840	.000	.000	.821	.809	.000	.469	.000	.804	.000	.891	.878	.000	.916	.000	.000	.000	.000	.000	.905

