

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

MN-51 at Goodrich Ave\_2021  
 Data Prepared By: ACS  
 TURNING MOVEMENT COUNT

File Name : MN-51 at Goodrich Ave\_2021  
 Site Code :  
 Start Date : 10/19/2021  
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	MN-51 Southbound				Goodrich Ave Westbound				MN-51 Northbound				Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	0	32	0	0	1	0	0	0	0	47	0	0	0	0	0	0	0	80
06:15	0	45	0	1	0	0	1	1	0	56	0	0	0	0	0	0	0	104
06:30	0	61	0	0	1	0	0	0	0	76	0	0	0	0	0	0	0	138
06:45	1	73	0	0	0	0	1	1	0	83	0	0	0	0	0	0	0	159
Total	1	211	0	1	2	0	2	2	0	262	0	0	0	0	0	0	0	481
07:00	2	97	0	0	0	0	0	2	0	96	0	0	0	0	0	0	0	197
07:15	0	112	0	0	0	0	1	1	0	104	1	0	0	0	0	0	0	219
07:30	1	145	0	1	1	0	3	1	0	128	2	0	0	0	0	0	0	282
07:45	0	173	0	0	2	0	1	2	0	150	3	0	0	0	0	0	0	331
Total	3	527	0	1	3	0	5	6	0	478	6	0	0	0	0	0	0	1029
08:00	1	139	0	0	0	0	0	4	0	171	0	2	0	0	0	0	0	317
08:15	0	188	0	0	2	0	6	5	0	168	1	8	0	0	0	0	0	378
08:30	1	148	0	0	1	0	1	3	0	134	2	0	0	0	0	0	0	290
08:45	1	140	0	0	3	0	1	1	0	128	1	0	0	0	0	0	0	275
Total	3	615	0	0	6	0	8	13	0	601	4	10	0	0	0	0	0	1260
09:00	0	118	0	0	1	0	4	3	0	110	1	0	0	0	0	0	0	237
09:15	0	122	0	0	0	0	2	0	0	143	0	1	0	0	0	0	0	268
09:30	2	107	0	1	0	0	2	1	0	118	3	4	0	0	0	0	0	238
09:45	2	132	0	0	1	0	3	4	0	101	1	1	0	0	0	0	0	245
Total	4	479	0	1	2	0	11	8	0	472	5	6	0	0	0	0	0	988
10:00	2	121	0	1	1	0	0	2	0	114	0	1	0	0	0	0	0	242
10:15	1	125	0	0	0	0	1	2	0	115	0	1	0	0	0	0	0	245
10:30	2	87	0	0	1	0	1	3	0	151	2	1	0	0	0	0	0	248
10:45	2	127	0	0	1	0	1	3	0	128	2	1	0	0	0	0	0	265
Total	7	460	0	1	3	0	3	10	0	508	4	4	0	0	0	0	0	1000
11:00	2	123	0	0	3	0	2	2	0	109	1	0	0	0	0	0	0	242
11:15	1	156	0	0	1	0	2	0	0	118	3	0	0	0	0	0	0	281
11:30	1	131	0	0	0	0	3	3	0	163	1	1	0	0	0	0	0	303
11:45	3	152	0	0	0	0	2	2	0	137	2	1	0	0	0	0	0	299
Total	7	562	0	0	4	0	9	7	0	527	7	2	0	0	0	0	0	1125
12:00	4	123	0	0	1	0	2	3	0	130	1	2	0	0	0	0	0	266
12:15	2	134	0	0	1	0	1	3	0	123	1	0	0	0	0	0	0	265
12:30	4	151	0	0	1	0	0	1	0	121	5	3	0	0	0	0	0	286
12:45	0	152	0	0	0	0	1	3	0	119	1	0	0	0	0	0	0	276
Total	10	560	0	0	3	0	4	10	0	493	8	5	0	0	0	0	0	1093
13:00	2	122	0	0	0	0	0	2	0	118	1	3	0	0	0	0	0	248
13:15	0	148	0	3	0	0	2	1	0	122	1	1	0	0	0	0	0	278
13:30	3	142	0	0	2	0	2	2	0	107	1	1	0	0	0	0	0	260
13:45	2	148	0	0	1	0	1	3	0	139	0	0	0	0	0	0	0	294
Total	7	560	0	3	3	0	5	8	0	486	3	5	0	0	0	0	0	1080
14:00	0	116	0	0	0	0	3	3	0	131	1	2	0	0	0	0	0	256
14:15	1	182	0	0	0	0	3	3	0	118	1	2	0	0	0	0	0	310
14:30	3	152	0	0	1	0	2	5	0	136	2	1	0	0	0	0	0	302
14:45	1	197	0	0	2	0	4	1	0	139	0	0	0	0	0	0	0	344
Total	5	647	0	0	3	0	12	12	0	524	4	5	0	0	0	0	0	1212

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Groups Printed- Cars - Trucks

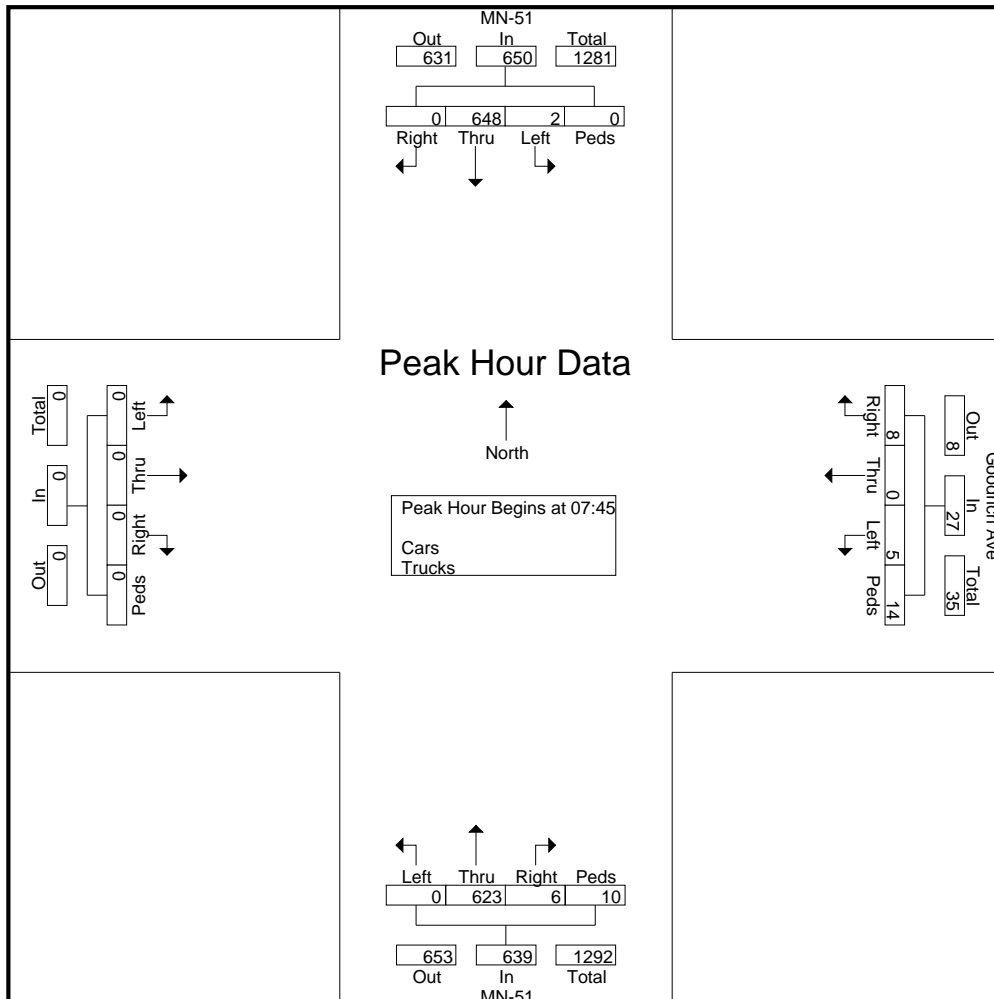
Start Time	MN-51 Southbound				Goodrich Ave Westbound				MN-51 Northbound				Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
15:00	3	223	0	0	1	0	1	1	0	167	1	4	0	0	0	0	401
15:15	3	186	0	0	2	0	3	1	0	156	4	1	0	0	0	0	356
15:30	2	205	0	0	1	0	8	1	0	147	3	1	0	0	0	0	368
15:45	5	192	0	0	2	0	1	8	0	180	1	0	0	0	0	0	389
Total	13	806	0	0	6	0	13	11	0	650	9	6	0	0	0	0	1514
16:00	7	166	0	1	0	0	2	4	0	170	1	1	0	0	0	0	352
16:15	2	189	0	0	3	0	2	4	0	131	0	3	0	0	0	0	334
16:30	4	194	0	1	2	0	2	2	0	152	2	1	0	0	0	0	360
16:45	2	195	0	0	1	0	4	2	0	160	3	1	0	0	0	0	368
Total	15	744	0	2	6	0	10	12	0	613	6	6	0	0	0	0	1414
17:00	1	160	0	0	0	0	0	3	0	151	1	0	0	0	0	0	316
17:15	3	195	0	0	3	0	1	3	0	161	4	1	0	0	0	0	371
17:30	5	197	0	0	0	0	4	3	0	149	4	4	0	0	0	0	366
17:45	4	173	0	0	0	0	1	5	0	157	1	1	0	0	0	0	342
Total	13	725	0	0	3	0	6	14	0	618	10	6	0	0	0	0	1395
Grand Total	88	6896	0	9	44	0	88	113	0	6232	66	55	0	0	0	0	13591
Apprch %	1.3	98.6	0	0.1	18	0	35.9	46.1	0	98.1	1	0.9	0	0	0	0	
Total %	0.6	50.7	0	0.1	0.3	0	0.6	0.8	0	45.9	0.5	0.4	0	0	0	0	
Cars	80	6368	0	9	43	0	83	113	0	5787	64	55	0	0	0	0	12602
% Cars	90.9	92.3	0	100	97.7	0	94.3	100	0	92.9	97	100	0	0	0	0	92.7
Trucks	8	528	0	0	1	0	5	0	0	445	2	0	0	0	0	0	989
% Trucks	9.1	7.7	0	0	2.3	0	5.7	0	0	7.1	3	0	0	0	0	0	7.3

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Start Time	MN-51 Southbound					Goodrich Ave Westbound					MN-51 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 07:45																					
07:45	0	173	0	0	173	2	0	1	2	5	0	150	3	0	153	0	0	0	0	0	331
08:00	1	139	0	0	140	0	0	0	4	4	0	171	0	2	173	0	0	0	0	0	317
08:15	0	188	0	0	188	2	0	6	5	13	0	168	1	8	177	0	0	0	0	0	378
08:30	1	148	0	0	149	1	0	1	3	5	0	134	2	0	136	0	0	0	0	0	290
Total Volume	2	648	0	0	650	5	0	8	14	27	0	623	6	10	639	0	0	0	0	0	1316
% App. Total	0.3	99.7	0	0		18.5	0	29.6	51.9		0	97.5	0.9	1.6		0	0	0	0		
PHF	.500	.862	.000	.000	.864	.625	.000	.333	.700	.519	.000	.911	.500	.313	.903	.000	.000	.000	.000	.000	.870



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 Page No : 4

Start Time	MN-51 Southbound					Goodrich Ave Westbound					MN-51 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 15:00																					
15:00	3	223	0	0	226	1	0	1	1	3	0	167	1	4	172	0	0	0	0	0	401
15:15	3	186	0	0	189	2	0	3	1	6	0	156	4	1	161	0	0	0	0	0	356
15:30	2	205	0	0	207	1	0	8	1	10	0	147	3	1	151	0	0	0	0	0	368
15:45	5	192	0	0	197	2	0	1	8	11	0	180	1	0	181	0	0	0	0	0	389
Total Volume	13	806	0	0	819	6	0	13	11	30	0	650	9	6	665	0	0	0	0	0	1514
% App. Total	1.6	98.4	0	0		20	0	43.3	36.7		0	97.7	1.4	0.9		0	0	0	0		
PHF	.650	.904	.000	.000	.906	.750	.000	.406	.344	.682	.000	.903	.563	.375	.919	.000	.000	.000	.000	.000	.944

