



Spack Solutions

43 Main Street SE, Suite 136
Minneapolis, MN 55414

TH-52 at CSAH-42 (East Ramp)
City: Rosemount
Data By: Spack Solutions
TURN MOVEMENT COUNT

File Name : 02_TH 52 at CSAH 42 [East Ramp]
Site Code : 00000000
Start Date : 2/9/2021
Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	On Ramp to North bound TH-52 Southbound				CSAH-42 Westbound				Off Ramp from North bound TH-52 Northbound				CSAH-42 Eastbound				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	3	16	0	0	2	2	6	0	0	11	85	0	125
06:15 AM	0	0	0	0	5	20	0	0	5	0	16	0	0	17	73	0	136
06:30 AM	0	0	0	0	0	24	0	0	2	0	17	0	0	19	74	0	136
06:45 AM	0	0	0	0	4	36	0	0	1	0	23	0	0	25	52	0	141
Total	0	0	0	0	12	96	0	0	10	2	62	0	0	72	284	0	538
07:00 AM	0	0	0	0	2	30	0	0	5	3	18	0	0	29	93	0	180
07:15 AM	0	0	0	0	3	47	0	0	0	0	11	0	0	27	67	0	155
07:30 AM	0	0	0	0	3	28	0	0	4	0	21	0	0	33	76	0	165
07:45 AM	0	0	0	0	1	32	0	0	4	0	7	0	0	32	56	0	132
Total	0	0	0	0	9	137	0	0	13	3	57	0	0	121	292	0	632
08:00 AM	0	0	0	0	6	36	0	0	2	1	12	0	0	40	54	0	151
08:15 AM	0	0	0	0	4	23	0	0	0	2	8	0	0	15	52	0	104
08:30 AM	0	0	0	0	7	24	0	0	2	0	8	0	0	18	39	0	98
08:45 AM	0	0	0	0	4	23	0	0	1	0	17	0	0	24	37	0	106
Total	0	0	0	0	21	106	0	0	5	3	45	0	0	97	182	0	459
09:00 AM	0	0	0	0	1	21	0	0	0	1	9	0	0	25	27	0	84
09:15 AM	0	0	0	0	2	14	0	0	0	0	9	0	0	19	41	0	85
09:30 AM	0	0	0	0	2	26	0	0	1	0	12	0	0	25	36	0	102
09:45 AM	0	0	0	0	5	26	0	0	0	0	6	0	0	19	33	0	89
Total	0	0	0	0	10	87	0	0	1	1	36	0	0	88	137	0	360
10:00 AM	0	0	0	0	5	29	0	0	1	1	6	0	0	28	33	0	103
10:15 AM	0	0	0	0	6	29	0	0	1	0	13	0	0	21	28	0	98
10:30 AM	0	0	0	0	4	21	0	0	0	0	13	0	0	21	38	0	97
10:45 AM	0	0	0	0	3	27	0	0	0	0	7	0	0	12	34	0	83
Total	0	0	0	0	18	106	0	0	2	1	39	0	0	82	133	0	381
11:00 AM	0	0	0	0	3	13	0	0	0	0	9	0	0	18	36	0	79
11:15 AM	0	0	0	0	3	12	0	0	1	0	13	0	0	27	40	0	96
11:30 AM	0	0	0	0	2	25	0	0	1	0	10	0	0	21	60	0	119
11:45 AM	0	0	0	0	2	30	0	0	2	0	12	0	0	18	45	0	109
Total	0	0	0	0	10	80	0	0	4	0	44	0	0	84	181	0	403
12:00 PM	0	0	0	0	2	23	0	0	2	0	14	0	0	20	37	0	98
12:15 PM	0	0	0	0	1	16	0	0	2	0	7	0	0	32	34	0	92
12:30 PM	0	0	0	0	7	24	0	0	4	0	15	0	0	29	40	0	119
12:45 PM	0	0	0	0	5	19	0	0	2	0	6	0	0	31	28	0	91
Total	0	0	0	0	15	82	0	0	10	0	42	0	0	112	139	0	400
01:00 PM	0	0	0	0	7	19	0	0	2	0	14	0	0	28	40	0	110
01:15 PM	0	0	0	0	1	26	0	0	6	0	6	0	0	18	45	0	102
01:30 PM	0	0	0	0	2	28	0	0	3	1	9	0	0	22	39	0	104
01:45 PM	0	0	0	0	3	29	0	0	2	0	16	0	0	33	37	0	120
Total	0	0	0	0	13	102	0	0	13	1	45	0	0	101	161	0	436
02:00 PM	0	0	0	0	7	29	0	0	0	0	6	0	0	31	45	0	118



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File Name : 02_TH 52 at CSAH 42 [East Ramp]
Site Code : 00000000
Start Date : 2/9/2021
Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	On Ramp to North bound TH-52 Southbound				CSAH-42 Westbound				Off Ramp from North bound TH-52 Northbound				CSAH-42 Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
02:15 PM	0	0	0	0	3	29	0	0	1	0	11	0	0	41	57	0	142
02:30 PM	0	0	0	0	1	20	0	0	1	0	11	0	0	27	50	0	110
02:45 PM	0	0	0	0	3	20	0	0	1	0	13	0	0	22	49	0	108
Total	0	0	0	0	14	98	0	0	3	0	41	0	0	121	201	0	478
03:00 PM	0	0	0	0	4	27	0	0	4	0	12	0	0	34	45	0	126
03:15 PM	0	0	0	0	1	28	0	0	0	0	10	0	0	45	50	0	134
03:30 PM	0	0	0	0	3	31	0	0	1	0	16	0	0	41	54	0	146
03:45 PM	0	0	0	0	4	22	0	0	1	0	17	0	0	31	50	0	125
Total	0	0	0	0	12	108	0	0	6	0	55	0	0	151	199	0	531
04:00 PM	0	0	0	0	4	25	0	0	0	0	19	0	0	52	70	0	170
04:15 PM	0	0	0	0	3	40	0	0	0	1	22	0	0	35	53	0	154
04:30 PM	0	0	0	0	3	46	0	0	1	0	21	0	0	39	50	0	160
04:45 PM	0	0	0	0	6	28	0	0	4	1	12	0	0	29	36	0	116
Total	0	0	0	0	16	139	0	0	5	2	74	0	0	155	209	0	600
05:00 PM	0	0	0	0	2	32	0	0	0	0	18	0	0	30	59	0	141
05:15 PM	0	0	0	0	3	28	0	0	0	0	16	0	0	28	42	0	117
05:30 PM	0	0	0	0	10	23	0	0	4	0	15	0	0	29	39	0	120
05:45 PM	0	0	0	0	3	9	0	0	2	0	18	0	0	28	38	0	98
Total	0	0	0	0	18	92	0	0	6	0	67	0	0	115	178	0	476
Grand Total	0	0	0	0	168	1233	0	0	78	13	607	0	0	1299	2296	0	5694
Approch %	0	0	0	0	12	88	0	0	11.2	1.9	87	0	0	36.1	63.9	0	
Total %	0	0	0	0	3	21.7	0	0	1.4	0.2	10.7	0	0	22.8	40.3	0	
Vehicles	0	0	0	0	89	1119	0	0	38	4	570	0	0	1187	2176	0	5183
% Vehicles	0	0	0	0	53	90.8	0	0	48.7	30.8	93.9	0	0	91.4	94.8	0	91
Trucks	0	0	0	0	79	114	0	0	40	9	37	0	0	112	120	0	511
% Trucks	0	0	0	0	47	9.2	0	0	51.3	69.2	6.1	0	0	8.6	5.2	0	9



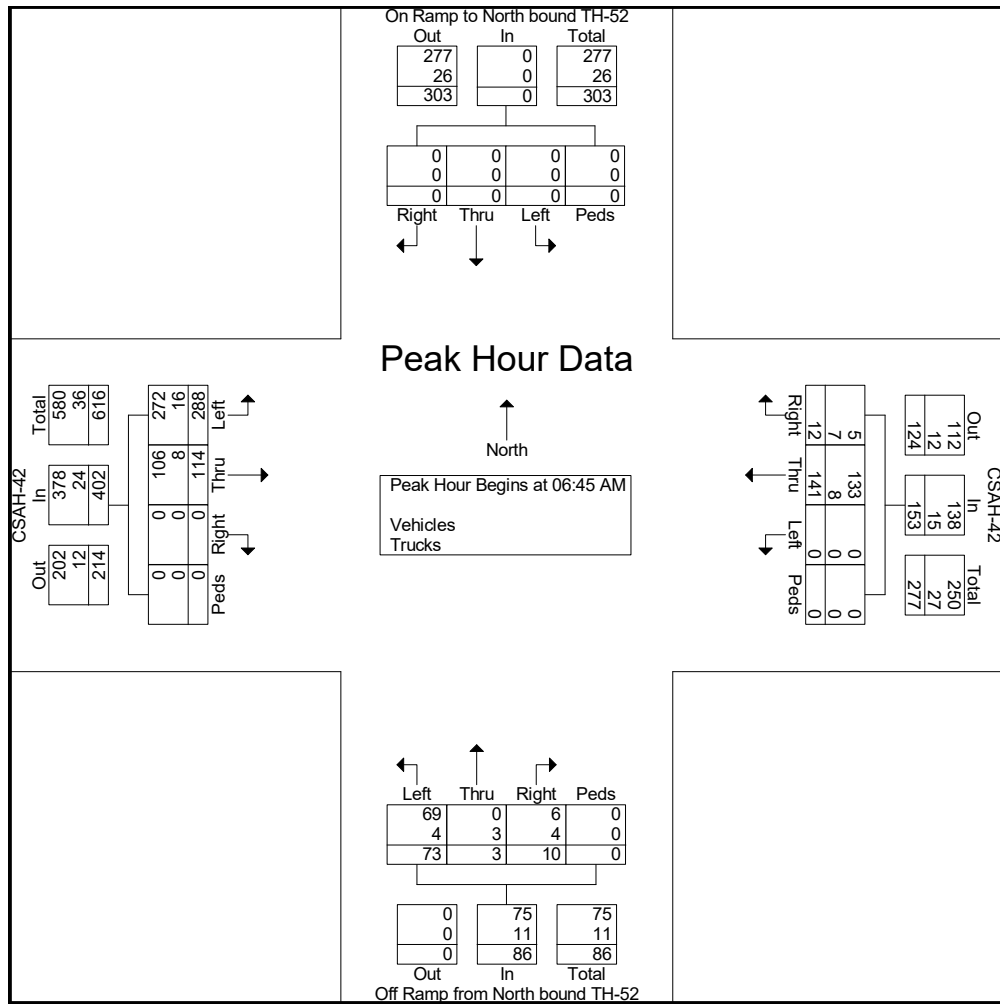
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Start Time	On Ramp to North bound TH-52 Southbound					CSAH-42 Westbound					Off Ramp from North bound TH-52 Northbound					CSAH-42 Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 12:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	0	0	0	0	0	4	36	0	0	40	1	0	23	0	24	0	25	52	0	77	141
07:00 AM	0	0	0	0	0	2	30	0	0	32	5	3	18	0	26	0	29	93	0	122	180
07:15 AM	0	0	0	0	0	3	47	0	0	50	0	0	11	0	11	0	27	67	0	94	155
07:30 AM	0	0	0	0	0	3	28	0	0	31	4	0	21	0	25	0	33	76	0	109	165
Total Volume	0	0	0	0	0	12	141	0	0	153	10	3	73	0	86	0	114	288	0	402	641
% App. Total	0	0	0	0	0	7.8	92.2	0	0		11.6	3.5	84.9	0		0	28.4	71.6	0		
PHF	.000	.000	.000	.000	.000	.750	.750	.000	.000	.765	.500	.250	.793	.000	.827	.000	.864	.774	.000	.824	.890
Vehicles	0	0	0	0	0	5	133	0	0	138	6	0	69	0	75	0	106	272	0	378	591
% Vehicles	0	0	0	0	0	41.7	94.3	0	0	90.2	60.0	0	94.5	0	87.2	0	93.0	94.4	0	94.0	92.2
Trucks	0	0	0	0	0	7	8	0	0	15	4	3	4	0	11	0	8	16	0	24	50
% Trucks	0	0	0	0	0	58.3	5.7	0	0	9.8	40.0	100	5.5	0	12.8	0	7.0	5.6	0	6.0	7.8





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 Page No : 4

Start Time	On Ramp to North bound TH-52 Southbound					CSAH-42 Westbound					Off Ramp from North bound TH-52 Northbound					CSAH-42 Eastbound					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 12:15 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	0	0	0	0	0	4	22	0	0	26	1	0	17	0	18	0	31	50	0	81	125
04:00 PM	0	0	0	0	0	4	25	0	0	29	0	0	19	0	19	0	52	70	0	122	170
04:15 PM	0	0	0	0	0	3	40	0	0	43	0	1	22	0	23	0	35	53	0	88	154
04:30 PM	0	0	0	0	0	3	46	0	0	49	1	0	21	0	22	0	39	50	0	89	160
Total Volume	0	0	0	0	0	14	133	0	0	147	2	1	79	0	82	0	157	223	0	380	609
% App. Total	0	0	0	0	0	9.5	90.5	0	0		2.4	1.2	96.3	0		0	41.3	58.7	0		
PHF	.000	.000	.000	.000	.000	.875	.723	.000	.000	.750	.500	.250	.898	.000	.891	.000	.755	.796	.000	.779	.896
Vehicles	0	0	0	0	0	11	125	0	0	136	0	1	75	0	76	0	150	220	0	370	582
% Vehicles	0	0	0	0	0	78.6	94.0	0	0	92.5	0	100	94.9	0	92.7	0	95.5	98.7	0	97.4	95.6
Trucks	0	0	0	0	0	3	8	0	0	11	2	0	4	0	6	0	7	3	0	10	27
% Trucks	0	0	0	0	0	21.4	6.0	0	0	7.5	100	0	5.1	0	7.3	0	4.5	1.3	0	2.6	4.4

