



Spack Solutions

43 Main Street SE, Suite 136
Minneapolis, MN 55414

TH-52 at CSAH-15 (CR Rd E) West Ramp
City: Arden Hills
Data By: Spack Solutions
TURN MOVEMENT COUNT

File Name : 05_TH-51-at-CSAH-15-West-Ramp
Site Code : 00000000
Start Date : 2/25/2021
Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Private Driveway Southbound				CSAH-15 (CR Rd E) Westbound				South bound TH-51 Ramp Northbound				CSAH-15 (CR Rd E) 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	0	13	10	0	10	0	6	0	1	14	0	0	54
06:15 AM	0	0	0	0	0	16	10	0	12	0	2	0	0	15	0	0	55
06:30 AM	0	0	0	0	0	13	15	0	17	0	6	0	8	17	0	0	76
06:45 AM	0	0	0	0	0	28	16	0	24	0	3	0	5	15	0	0	91
Total	0	0	0	0	0	70	51	0	63	0	17	0	14	61	0	0	276
07:00 AM	0	0	0	0	0	29	23	0	21	0	4	0	4	22	0	0	103
07:15 AM	0	0	0	0	0	33	28	0	32	0	9	0	12	24	0	0	138
07:30 AM	0	0	0	0	0	47	34	0	23	0	15	0	8	29	0	0	156
07:45 AM	0	0	0	0	0	65	22	0	44	0	18	0	12	46	0	0	207
Total	0	0	0	0	0	174	107	0	120	0	46	0	36	121	0	0	604
08:00 AM	0	0	0	0	0	73	23	0	32	0	11	0	8	60	0	0	207
08:15 AM	0	0	0	0	0	85	25	0	25	0	8	0	6	42	0	0	191
08:30 AM	0	0	0	0	0	38	34	0	22	0	6	1	4	42	0	0	147
08:45 AM	0	0	0	0	0	44	20	0	40	0	7	1	3	45	0	0	160
Total	0	0	0	0	0	240	102	0	119	0	32	2	21	189	0	0	705
09:00 AM	0	0	0	0	0	49	34	0	39	0	11	0	4	41	0	0	178
09:15 AM	0	0	0	0	0	58	30	0	14	0	17	0	4	50	0	0	173
09:30 AM	0	0	0	0	0	41	34	0	15	0	8	0	6	38	0	0	142
09:45 AM	0	0	0	0	0	47	29	0	22	0	5	1	1	44	0	0	149
Total	0	0	0	0	0	195	127	0	90	0	41	1	15	173	0	0	642
10:00 AM	0	0	0	0	0	44	39	0	22	0	8	0	6	47	0	0	166
10:15 AM	0	0	0	0	0	42	35	0	16	0	10	1	7	42	0	0	153
10:30 AM	0	0	0	0	0	59	30	0	22	0	1	1	6	66	0	0	185
10:45 AM	0	0	0	0	0	73	37	0	25	0	7	0	3	47	0	0	192
Total	0	0	0	0	0	218	141	0	85	0	26	2	22	202	0	0	696
11:00 AM	0	0	0	0	0	46	33	0	23	0	7	0	6	66	0	0	181
11:15 AM	0	0	0	0	0	68	40	0	27	0	8	1	7	64	0	0	215
11:30 AM	0	0	0	0	0	59	41	0	21	0	5	1	7	64	0	0	198
11:45 AM	0	0	0	0	0	57	36	0	17	0	14	2	7	49	0	0	182
Total	0	0	0	0	0	230	150	0	88	0	34	4	27	243	0	0	776
12:00 PM	0	0	0	0	0	80	54	0	19	0	18	0	9	58	0	0	238
12:15 PM	0	0	0	0	0	58	49	0	27	0	8	0	4	69	0	0	215
12:30 PM	0	0	0	0	0	66	41	0	24	0	17	0	3	43	0	0	194
12:45 PM	0	0	0	0	0	71	40	0	25	0	12	1	9	60	0	0	218
Total	0	0	0	0	0	275	184	0	95	0	55	1	25	230	0	0	865
01:00 PM	0	0	0	0	0	47	42	0	19	0	7	0	6	66	0	0	187
01:15 PM	0	0	0	0	0	47	38	0	15	0	8	0	7	58	0	0	173
01:30 PM	0	0	0	0	0	67	38	0	24	0	5	0	5	63	0	0	202
01:45 PM	0	0	0	0	0	64	39	0	17	0	7	0	13	69	0	0	209
Total	0	0	0	0	0	225	157	0	75	0	27	0	31	256	0	0	771
02:00 PM	0	0	0	0	0	63	38	0	17	0	13	0	8	53	0	0	192
02:15 PM	0	0	0	0	0	58	41	0	16	0	5	0	8	66	0	0	194



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Site Code : 00000000
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Groups Printed- Vehicles - Trucks

Start Time	Private Driveway Southbound				CSAH-15 (CR Rd E) Westbound				South bound TH-51 Ramp Northbound				CSAH-15 (CR Rd E) Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
02:30 PM	0	0	0	0	0	62	42	0	20	0	7	0	9	63	0	0	203
02:45 PM	0	0	0	0	0	73	57	0	23	0	8	0	10	85	0	0	256
Total	0	0	0	0	0	256	178	0	76	0	33	0	35	267	0	0	845
03:00 PM	0	0	0	0	0	76	38	0	16	0	11	0	13	77	0	0	231
03:15 PM	0	0	0	0	0	91	41	0	24	0	14	1	7	76	0	0	254
03:30 PM	0	0	0	0	0	64	43	0	31	0	11	0	5	102	0	0	256
03:45 PM	0	0	0	0	0	92	51	0	33	0	17	0	12	83	0	0	288
Total	0	0	0	0	0	323	173	0	104	0	53	1	37	338	0	0	1029
04:00 PM	0	0	0	0	0	78	53	0	17	0	15	0	13	92	0	0	268
04:15 PM	0	0	0	0	0	93	46	0	33	0	18	0	6	93	0	0	289
04:30 PM	0	0	0	0	0	84	53	0	31	0	13	0	7	97	0	0	285
04:45 PM	0	0	0	0	0	76	52	0	26	0	12	0	9	90	0	0	265
Total	0	0	0	0	0	331	204	0	107	0	58	0	35	372	0	0	1107
05:00 PM	0	0	0	0	0	83	41	0	28	0	10	0	5	77	0	0	244
05:15 PM	0	0	0	0	0	79	38	0	37	0	14	0	10	83	0	0	261
05:30 PM	0	0	0	0	0	85	50	0	23	0	12	0	11	62	0	0	243
05:45 PM	0	0	0	0	0	71	34	0	28	0	9	0	7	84	0	0	233
Total	0	0	0	0	0	318	163	0	116	0	45	0	33	306	0	0	981
06:00 PM	0	0	0	0	0	62	37	0	26	0	11	0	5	73	0	0	214
06:15 PM	0	0	0	0	0	61	37	0	16	0	6	0	10	52	0	0	182
06:30 PM	0	0	0	0	0	58	48	0	27	0	5	0	3	40	0	0	181
06:45 PM	0	0	0	0	0	52	36	0	18	0	7	0	8	41	0	0	162
Total	0	0	0	0	0	233	158	0	87	0	29	0	26	206	0	0	739
Grand Total	0	0	0	0	0	3088	1895	0	1225	0	496	11	357	2964	0	0	10036
Apprch %	0	0	0	0	0	62	38	0	70.7	0	28.6	0.6	10.7	89.3	0	0	
Total %	0	0	0	0	0	30.8	18.9	0	12.2	0	4.9	0.1	3.6	29.5	0	0	
Vehicles	0	0	0	0	0	3033	1842	0	1179	0	481	11	353	2906	0	0	9805
% Vehicles	0	0	0	0	0	98.2	97.2	0	96.2	0	97	100	98.9	98	0	0	97.7
Trucks	0	0	0	0	0	55	53	0	46	0	15	0	4	58	0	0	231
% Trucks	0	0	0	0	0	1.8	2.8	0	3.8	0	3	0	1.1	2	0	0	2.3



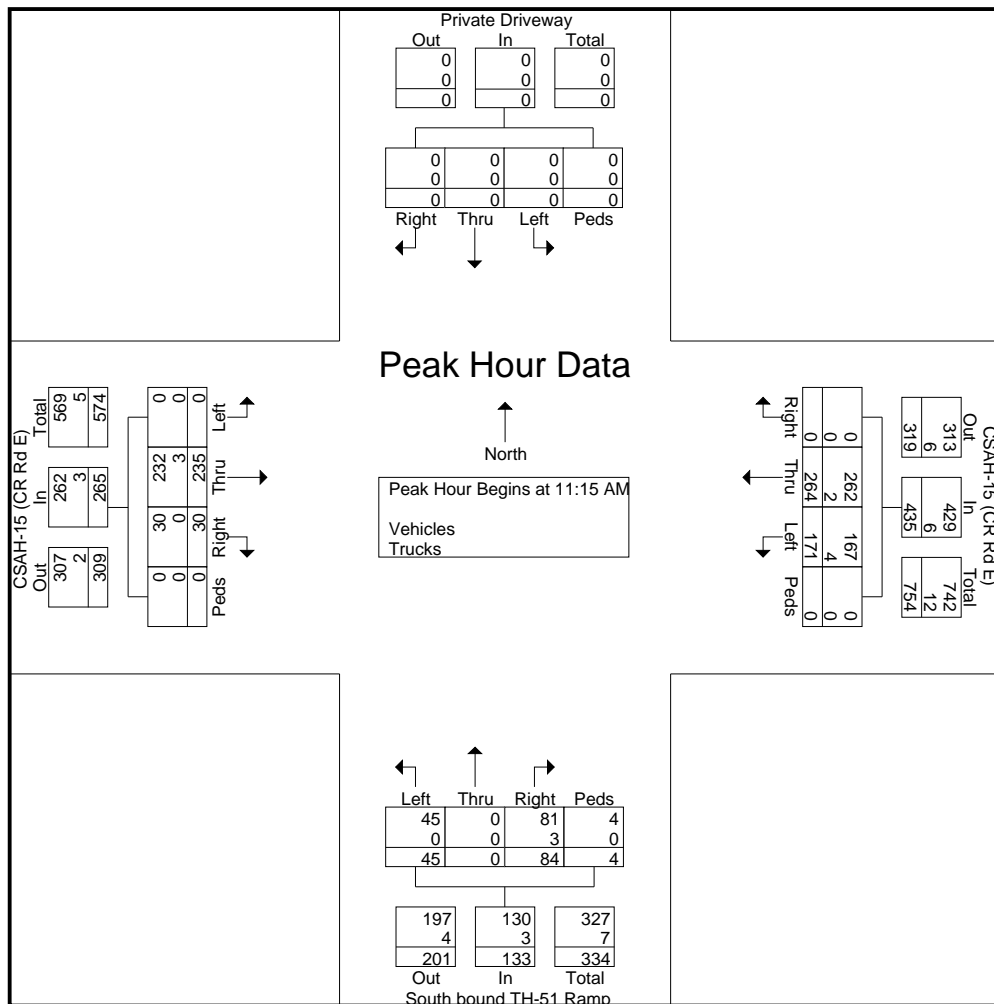
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Start Time	Private Driveway Southbound					CSAH-15 (CR Rd E) Westbound					South bound TH-51 Ramp Northbound					CSAH-15 (CR Rd E) Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	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 11:15 AM																					
11:15 AM	0	0	0	0	0	0	68	40	0	108	27	0	8	1	36	7	64	0	0	71	215
11:30 AM	0	0	0	0	0	0	59	41	0	100	21	0	5	1	27	7	64	0	0	71	198
11:45 AM	0	0	0	0	0	0	57	36	0	93	17	0	14	2	33	7	49	0	0	56	182
12:00 PM	0	0	0	0	0	0	80	54	0	134	19	0	18	0	37	9	58	0	0	67	238
Total Volume	0	0	0	0	0	0	264	171	0	435	84	0	45	4	133	30	235	0	0	265	833
% App. Total	0	0	0	0	0	0	60.7	39.3	0		63.2	0	33.8	3		11.3	88.7	0	0		
PHF	.000	.000	.000	.000	.000	.000	.825	.792	.000	.812	.778	.000	.625	.500	.899	.833	.918	.000	.000	.933	.875
Vehicles	0	0	0	0	0	0	262	167	0	429	81	0	45	4	130	30	232	0	0	262	821
% Vehicles	0	0	0	0	0	0	99.2	97.7	0	98.6	96.4	0	100	100	97.7	100	98.7	0	0	98.9	98.6
Trucks	0	0	0	0	0	0	2	4	0	6	3	0	0	0	3	0	3	0	0	3	12
% Trucks	0	0	0	0	0	0	0.8	2.3	0	1.4	3.6	0	0	0	2.3	0	1.3	0	0	1.1	1.4





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Start Time	Private Driveway Southbound					CSAH-15 (CR Rd E) Westbound					South bound TH-51 Ramp Northbound					CSAH-15 (CR Rd E) 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	0	92	51	0	143	33	0	17	0	50	12	83	0	0	95	288
04:00 PM	0	0	0	0	0	0	78	53	0	131	17	0	15	0	32	13	92	0	0	105	268
04:15 PM	0	0	0	0	0	0	93	46	0	139	33	0	18	0	51	6	93	0	0	99	289
04:30 PM	0	0	0	0	0	0	84	53	0	137	114	0	13	0	44	7	97	0	0	104	285
Total Volume	0	0	0	0	0	0	347	203	0	550	114	0	63	0	177	38	365	0	0	403	1130
% App. Total	0	0	0	0	0	0	63.1	36.9	0		64.4	0	35.6	0		9.4	90.6	0	0		
PHF	.000	.000	.000	.000	.000	.000	.933	.958	.000	.962	.864	.000	.875	.000	.868	.731	.941	.000	.000	.960	.978
Vehicles	0	0	0	0	0	0	343	201	0	544	112	0	63	0	175	37	359	0	0	396	1115
% Vehicles	0	0	0	0	0	0	98.8	99.0	0	98.9	98.2	0	100	0	98.9	97.4	98.4	0	0	98.3	98.7
Trucks	0	0	0	0	0	0	4	2	0	6	2	0	0	0	2	1	6	0	0	7	15
% Trucks	0	0	0	0	0	0	1.2	1.0	0	1.1	1.8	0	0	0	1.1	2.6	1.6	0	0	1.7	1.3

