

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

US-12 at CSAH-90_2022

City: Independence, MN

Data Prepared By: ACS

TURNING MOVEMENT COUNT

File Name : US-12 at CSAH-90_2022

Site Code :

Start Date : 11/28/2022

Page No : 1

Groups Printed- Cars - Trucks

Start Time	CSAH 90 Southbound				US 12 Westbound				CSAH 90 Northbound				US 12 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	7	4	1	0	2	19	1	0	2	1	1	0	0	111	5	0	154
06:15	5	4	1	0	2	23	3	0	6	4	3	0	1	167	4	0	223
06:30	7	5	1	0	8	42	2	0	3	7	0	0	2	137	8	0	222
06:45	6	4	2	0	6	37	1	0	4	5	3	0	0	128	6	0	202
Total	25	17	5	0	18	121	7	0	15	17	7	0	3	543	23	0	801
07:00	3	7	2	0	3	51	2	0	3	3	3	0	0	148	7	0	232
07:15	10	6	1	0	1	45	1	0	1	4	5	0	1	145	6	0	226
07:30	15	7	2	0	6	63	6	0	5	9	7	0	1	149	6	0	276
07:45	7	4	0	0	2	50	4	0	3	6	3	0	3	155	10	0	247
Total	35	24	5	0	12	209	13	0	12	22	18	0	5	597	29	0	981
08:00	12	7	2	0	9	50	7	0	5	2	5	0	3	110	7	0	219
08:15	14	5	4	0	3	48	7	0	4	5	5	0	1	127	4	0	227
08:30	14	7	1	0	3	63	5	0	9	4	5	0	4	123	9	0	247
08:45	11	8	1	0	2	48	8	0	7	4	10	0	1	108	5	0	213
Total	51	27	8	0	17	209	27	0	25	15	25	0	9	468	25	0	906
09:00	8	5	0	0	2	45	9	0	5	6	1	0	1	113	5	0	200
09:15	5	3	4	0	7	66	7	0	2	6	6	0	1	112	8	0	227
09:30	10	2	3	0	7	61	4	0	7	5	7	0	1	112	4	0	223
09:45	5	6	2	0	2	60	4	0	6	5	4	0	2	98	5	0	199
Total	28	16	9	0	18	232	24	0	20	22	18	0	5	435	22	0	849
10:00	8	5	4	0	3	70	8	0	5	5	6	0	2	94	14	0	224
10:15	6	7	1	0	3	61	8	0	6	8	0	0	1	121	12	0	234
10:30	8	9	1	0	6	60	8	0	5	2	4	0	3	113	9	0	228
10:45	10	3	3	0	2	54	11	0	5	4	7	0	0	90	6	0	195
Total	32	24	9	0	14	245	35	0	21	19	17	0	6	418	41	0	881
11:00	7	5	1	0	1	81	7	0	7	6	2	0	1	106	4	0	228
11:15	14	4	3	0	3	78	7	0	8	4	6	0	0	126	5	0	258
11:30	9	8	1	0	9	90	11	0	10	5	5	0	1	96	7	0	252
11:45	6	4	1	0	4	75	3	0	3	3	5	0	3	95	8	0	210
Total	36	21	6	0	17	324	28	0	28	18	18	0	5	423	24	0	948
12:00	5	8	1	0	1	96	12	0	4	7	1	0	3	98	5	0	241
12:15	5	6	3	0	10	96	5	0	5	6	5	0	1	94	3	0	239
12:30	6	3	2	0	7	91	5	0	7	8	5	0	1	114	8	0	257
12:45	6	3	1	0	3	90	9	0	4	7	3	0	7	100	7	0	240
Total	22	20	7	0	21	373	31	0	20	28	14	0	12	406	23	0	977
13:00	7	8	3	0	5	97	6	0	8	4	3	0	4	82	6	0	233
13:15	12	3	4	0	5	88	5	0	6	6	3	0	0	107	9	0	248
13:30	6	5	2	0	7	94	20	0	6	5	3	0	5	92	9	0	254
13:45	9	3	2	0	9	113	10	0	5	5	7	0	2	95	5	0	265
Total	34	19	11	0	26	392	41	0	25	20	16	0	11	376	29	0	1000
14:00	7	10	3	0	3	104	11	0	8	6	8	0	1	82	6	0	249
14:15	8	10	2	0	6	120	11	0	12	6	5	0	2	103	11	0	296
14:30	9	10	6	0	10	156	14	0	7	6	3	0	3	80	7	0	311

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Groups Printed- Cars - Trucks

Start Time	CSAH 90 Southbound				US 12 Westbound				CSAH 90 Northbound				US 12 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
14:45	6	1	2	0	7	172	11	0	11	1	4	0	1	71	4	0	291
Total	30	31	13	0	26	552	47	0	38	19	20	0	7	336	28	0	1147
15:00	7	6	5	0	4	168	12	0	11	10	3	0	1	78	12	0	317
15:15	11	3	5	0	7	186	13	0	11	10	4	0	2	79	7	0	338
15:30	6	8	1	0	3	179	7	0	12	9	2	0	4	109	10	0	350
15:45	10	9	1	0	6	173	7	0	10	10	4	0	1	67	9	0	307
Total	34	26	12	0	20	706	39	0	44	39	13	0	8	333	38	0	1312
16:00	7	14	1	0	7	225	11	0	10	8	6	0	3	77	7	0	376
16:15	12	2	3	0	12	198	8	0	9	6	0	0	2	90	9	0	351
16:30	7	10	6	0	5	207	15	0	8	12	3	0	7	95	16	0	391
16:45	3	6	4	0	8	212	12	0	10	6	6	0	1	76	10	0	354
Total	29	32	14	0	32	842	46	0	37	32	15	0	13	338	42	0	1472
17:00	5	9	5	0	6	186	15	0	9	10	4	0	4	88	9	0	350
17:15	1	11	0	0	4	179	15	0	14	8	7	0	3	82	6	0	330
17:30	5	8	4	0	8	154	11	0	9	6	2	0	2	69	5	0	283
17:45	7	8	3	0	6	137	9	0	6	3	4	0	0	63	5	0	251
Total	18	36	12	0	24	656	50	0	38	27	17	0	9	302	25	0	1214
Grand Total	374	293	111	0	245	4861	388	0	323	278	198	0	93	4975	349	0	12488
Apprch %	48.1	37.7	14.3	0	4.5	88.5	7.1	0	40.4	34.8	24.8	0	1.7	91.8	6.4	0	
Total %	3	2.3	0.9	0	2	38.9	3.1	0	2.6	2.2	1.6	0	0.7	39.8	2.8	0	
Cars	359	275	102	0	229	4494	372	0	312	259	181	0	88	4565	337	0	11573
% Cars	96	93.9	91.9	0	93.5	92.5	95.9	0	96.6	93.2	91.4	0	94.6	91.8	96.6	0	92.7
Trucks	15	18	9	0	16	367	16	0	11	19	17	0	5	410	12	0	915
% Trucks	4	6.1	8.1	0	6.5	7.5	4.1	0	3.4	6.8	8.6	0	5.4	8.2	3.4	0	7.3

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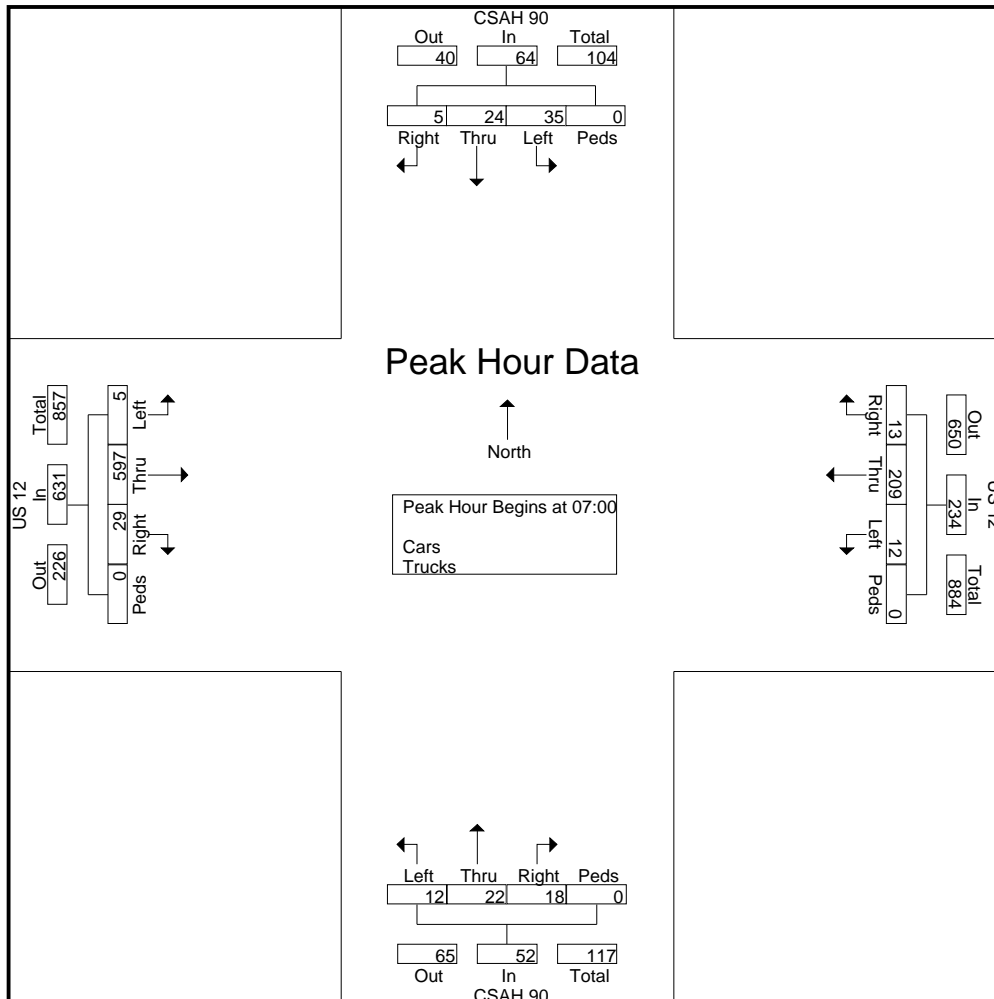
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	3	7	2	0	12	3	51	2	0	56	3	3	3	0	9	0	148	7	0	155	232
07:15	10	6	1	0	17	1	45	1	0	47	1	4	5	0	10	1	145	6	0	152	226
07:30	15	7	2	0	24	6	63	6	0	75	5	9	7	0	21	1	149	6	0	156	276
07:45	7	4	0	0	11	2	50	4	0	56	3	6	3	0	12	3	155	10	0	168	247
Total Volume	35	24	5	0	64	12	209	13	0	234	12	22	18	0	52	5	597	29	0	631	981
% App. Total	54.7	37.5	7.8	0		5.1	89.3	5.6	0		23.1	42.3	34.6	0		0.8	94.6	4.6	0		
PHF	.583	.857	.625	.000	.667	.500	.829	.542	.000	.780	.600	.611	.643	.000	.619	.417	.963	.725	.000	.939	.889



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	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 16:00																					
16:00	7	14	1	0	22	7	225	11	0	243	10	8	6	0	24	3	77	7	0	87	376
16:15	12	2	3	0	17	12	198	8	0	218	9	6	0	0	15	2	90	9	0	101	351
16:30	7	10	6	0	23	5	207	15	0	227	8	12	3	0	23	7	95	16	0	118	391
16:45	3	6	4	0	13	8	212	12	0	232	10	6	6	0	22	1	76	10	0	87	354
Total Volume	29	32	14	0	75	32	842	46	0	920	37	32	15	0	84	13	338	42	0	393	1472
% App. Total	38.7	42.7	18.7	0		3.5	91.5	5	0		4.4	38.1	17.9	0		3.3	86	10.7	0		
PHF	.604	.571	.583	.000	.815	.667	.936	.767	.000	.947	.925	.667	.625	.000	.875	.464	.889	.656	.000	.833	.941

