

Associated Consulting Services (ACS)

Roseville, MN 55113

-- TRAFFIC DATA --

MN-55 at Blue Water Rd-Beverly Dr_2022

File Name : MN-55 at Blue Water Rd-Beverly Dr_2022

City: Eagan

Site Code :

Data Prepared By: ACS

Start Date : 9/28/2022

TURNING MOVEMENT COUNT

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Groups Printed- Cars - Trucks

Start Time	MN-55 Southbound				Blue Water Rd Westbound				MN-55 Northbound				Beverly Dr Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	53	2	0	1	0	0	0	3	95	3	0	0	0	0	0	157
06:15	0	65	4	0	0	0	1	0	6	113	2	0	0	0	1	0	192
06:30	2	92	8	0	1	0	0	0	5	135	5	0	1	0	1	0	250
06:45	1	112	6	0	1	0	0	0	5	184	3	0	0	0	1	0	313
Total	3	322	20	0	3	0	1	0	19	527	13	0	1	0	3	0	912
07:00	3	110	5	0	0	1	1	0	6	166	2	0	1	0	3	0	298
07:15	1	128	1	0	1	0	0	0	1	189	6	0	0	0	3	0	330
07:30	4	95	4	0	4	0	0	0	1	218	9	0	1	0	2	0	338
07:45	11	126	1	0	2	0	2	0	3	214	10	0	2	0	0	0	371
Total	19	459	11	0	7	1	3	0	11	787	27	0	4	0	8	0	1337
08:00	7	117	12	0	1	0	1	0	4	195	11	0	5	0	3	0	356
08:15	3	112	3	0	2	0	1	0	4	173	9	0	1	0	3	0	311
08:30	6	121	5	0	1	0	1	0	2	154	8	0	2	0	3	0	303
08:45	3	99	3	0	1	0	2	0	3	127	8	0	1	0	6	0	253
Total	19	449	23	0	5	0	5	0	13	649	36	0	9	0	15	0	1223
09:00	2	104	1	0	3	0	0	0	4	113	3	0	0	0	2	0	232
09:15	3	106	7	0	1	0	1	0	1	106	4	0	0	0	1	0	230
09:30	2	101	4	0	2	1	2	0	1	102	3	0	2	0	2	0	222
09:45	3	111	5	0	4	2	1	0	0	100	8	0	0	0	1	0	235
Total	10	422	17	0	10	3	4	0	6	421	18	0	2	0	6	0	919
10:00	1	93	6	0	3	0	1	0	3	99	10	0	1	1	0	0	218
10:15	3	96	1	0	2	0	3	0	0	92	2	0	2	0	1	0	202
10:30	1	88	3	0	2	0	1	0	4	97	5	0	1	0	3	0	205
10:45	3	108	2	0	2	0	4	0	0	87	7	0	1	0	0	0	214
Total	8	385	12	0	9	0	9	0	7	375	24	0	5	1	4	0	839
11:00	2	95	3	0	2	0	2	0	3	83	4	0	0	0	1	0	195
11:15	5	113	1	0	5	1	4	0	0	126	3	0	3	1	0	0	262
11:30	3	128	3	0	9	0	2	0	1	142	6	0	1	1	2	0	298
11:45	6	125	9	0	6	0	2	0	2	121	5	0	1	0	2	0	279
Total	16	461	16	0	22	1	10	0	6	472	18	0	5	2	5	0	1034
12:00	3	137	6	0	1	0	3	0	2	100	9	0	2	1	0	0	264
12:15	3	128	8	0	5	0	1	0	3	108	16	0	3	0	6	0	281
12:30	6	112	3	0	1	0	8	0	3	99	6	0	3	1	4	0	246
12:45	2	140	7	0	0	1	1	0	5	89	9	0	3	0	4	0	261
Total	14	517	24	0	7	1	13	0	13	396	40	0	11	2	14	0	1052
13:00	7	120	2	0	1	0	0	0	2	99	5	0	3	0	0	0	239
13:15	3	123	10	0	2	0	1	0	2	102	6	0	1	0	1	0	251
13:30	2	123	4	0	1	0	1	0	3	95	7	0	3	0	2	0	241
13:45	2	134	5	0	1	0	4	0	2	112	4	0	2	0	1	0	267
Total	14	500	21	0	5	0	6	0	9	408	22	0	9	0	4	0	998
14:00	3	116	7	0	3	0	5	0	1	111	4	0	1	0	2	0	253
14:15	1	137	3	0	3	0	1	0	1	92	4	0	2	1	4	0	249
14:30	1	197	4	0	0	0	3	0	5	122	5	0	0	0	2	0	339

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Groups Printed- Cars - Trucks

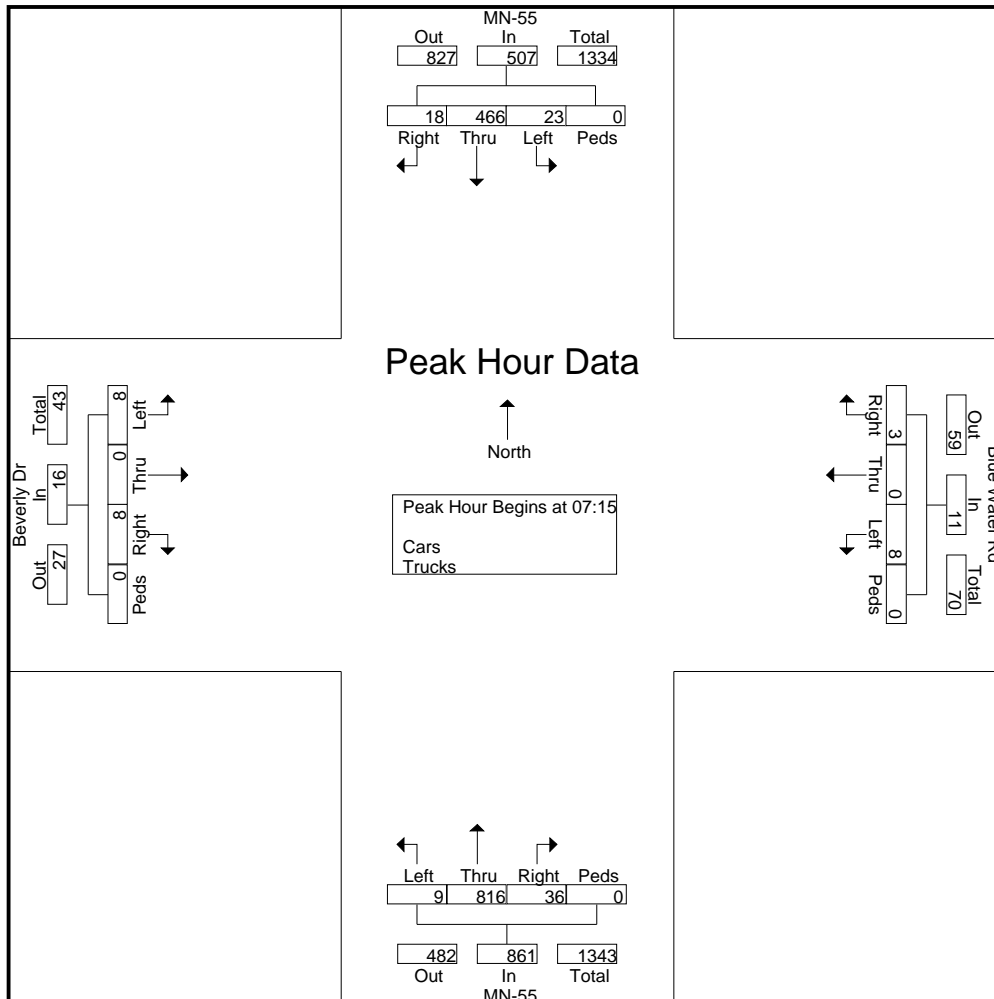
Start Time	MN-55 Southbound				Blue Water Rd Westbound				MN-55 Northbound				Beverly Dr Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
14:45	2	175	7	0	1	0	0	0	2	127	2	0	0	0	2	0	318
Total	7	625	21	0	7	0	9	0	9	452	15	0	3	1	10	0	1159
15:00	1	204	3	0	2	0	0	0	5	116	2	0	0	0	2	0	335
15:15	5	148	1	0	4	1	2	0	0	141	4	0	1	0	1	0	308
15:30	1	214	2	0	3	0	3	0	0	133	2	0	4	0	2	0	364
15:45	3	181	2	0	6	0	3	0	1	131	7	0	1	0	2	0	337
Total	10	747	8	0	15	1	8	0	6	521	15	0	6	0	7	0	1344
16:00	4	227	3	0	3	0	1	0	0	131	2	0	3	0	2	0	376
16:15	1	220	1	0	6	0	3	0	2	142	11	0	2	0	0	0	388
16:30	2	213	2	0	3	0	4	0	0	140	4	0	0	0	0	0	368
16:45	1	221	1	0	6	0	6	0	1	129	6	0	3	1	1	0	376
Total	8	881	7	0	18	0	14	0	3	542	23	0	8	1	3	0	1508
17:00	1	194	0	0	6	0	4	0	0	152	6	0	1	0	3	0	367
17:15	0	196	1	0	7	0	3	0	0	142	5	0	0	0	2	0	356
17:30	0	178	0	0	1	0	1	0	0	120	4	0	0	0	0	0	304
17:45	0	147	1	0	2	0	0	0	0	117	0	0	0	0	0	0	267
Total	1	715	2	0	16	0	8	0	0	531	15	0	1	0	5	0	1294
Grand Total	129	6483	182	0	124	7	90	0	102	6081	266	0	64	7	84	0	13619
Apprch %	1.9	95.4	2.7	0	56.1	3.2	40.7	0	1.6	94.3	4.1	0	41.3	4.5	54.2	0	
Total %	0.9	47.6	1.3	0	0.9	0.1	0.7	0	0.7	44.7	2	0	0.5	0.1	0.6	0	
Cars	126	5805	157	0	113	6	87	0	72	5501	250	0	54	5	60	0	12236
% Cars	97.7	89.5	86.3	0	91.1	85.7	96.7	0	70.6	90.5	94	0	84.4	71.4	71.4	0	89.8
Trucks	3	678	25	0	11	1	3	0	30	580	16	0	10	2	24	0	1383
% Trucks	2.3	10.5	13.7	0	8.9	14.3	3.3	0	29.4	9.5	6	0	15.6	28.6	28.6	0	10.2

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Start Time	MN-55 Southbound					Blue Water Rd Westbound					MN-55 Northbound					Beverly Dr 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	1	128	1	0	130	1	0	0	0	1	1	189	6	0	196	0	0	3	0	3	330
07:30	4	95	4	0	103	4	0	0	0	4	1	218	9	0	228	1	0	2	0	3	338
07:45	11	126	1	0	138	2	0	2	0	4	3	214	10	0	227	2	0	0	0	2	371
08:00	7	117	12	0	136	1	0	1	0	2	4	195	11	0	210	5	0	3	0	8	356
Total Volume	23	466	18	0	507	8	0	3	0	11	9	816	36	0	861	8	0	8	0	16	1395
% App. Total	4.5	91.9	3.6	0		72.7	0	27.3	0		1	94.8	4.2	0		50	0	50	0		
PHF	.523	.910	.375	.000	.918	.500	.000	.375	.000	.688	.563	.936	.818	.000	.944	.400	.000	.667	.000	.500	.940



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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	4	227	3	0	234	3	0	1	0	4	0	131	2	0	133	3	0	2	0	5	376
16:15	1	220	1	0	222	6	0	3	0	9	2	142	11	0	155	2	0	0	0	2	388
16:30	2	213	2	0	217	3	0	4	0	7	0	140	4	0	144	0	0	0	0	0	368
16:45	1	221	1	0	223	6	0	6	0	12	1	129	6	0	136	3	1	1	0	5	376
Total Volume	8	881	7	0	896	18	0	14	0	32	3	542	23	0	568	8	1	3	0	12	1508
% App. Total	0.9	98.3	0.8	0		56.2	0	43.8	0		0.5	95.4	4	0		66.7	8.3	25	0		
PHF	.500	.970	.583	.000	.957	.750	.000	.583	.000	.667	.375	.954	.523	.000	.916	.667	.250	.375	.000	.600	.972

