

Intersection Traffic Counts

Intersection: #8 MN7 & CSAH101
Count Date(s): Wed, Feb 28, 2018
Peaks: 6-9:30AM, 11AM-1PM, 2:30-6PM

Prepared by: Associated Consulting Services LLC
 www.acsteam.com
 (612) 568-3227

All Vehicles_AM Peak (7:30AM-8:30AM) at #8 MN7 & CSAH101																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)				15-min Veh Total	15-min Ped Total		
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R			App	Ped*
7:30	1	36	74	42	153	-	8	74	234	21	337	-	-	34	70	115	219	-	3	38	493	57	591	-	1300	-
7:45	-	44	82	28	154	-	1	100	230	28	359	-	1	34	89	109	233	-	5	34	458	56	553	-	1299	-
8:00	-	48	76	37	161	-	6	67	218	28	319	-	-	34	72	89	195	-	4	58	436	47	545	1	1220	1
8:15	-	52	91	41	184	-	5	91	165	30	291	-	-	42	80	101	223	-	2	48	399	48	497	-	1195	-
Total	1	180	323	148	652	-	20	332	847	107	1306	-	1	144	311	414	870	-	14	178	1786	208	2186	1	5014	1
% App	0%	28%	50%	23%	100%	-	2%	25%	65%	8%	100%	-	0%	17%	36%	48%	100%	-	1%	8%	82%	10%	100%	-	-	-
% Total	0%	4%	6%	3%	13%	-	0%	7%	17%	2%	26%	-	0%	3%	6%	8%	17%	-	0%	4%	36%	4%	44%	100%	100%	100%
PHF	0.250	0.865	0.887	0.881	0.886	-	0.625	0.830	0.905	0.892	0.909	-	0.250	0.857	0.874	0.900	0.933	-	0.700	0.767	0.906	0.912	0.925	-	0.964	-
Passenger Vehicles	1	176	309	140	626	-	20	320	793	104	1237	-	1	138	303	406	848	-	14	175	1760	202	2151	-	4862	-
Passenger Vehicles %	100%	98%	96%	95%	96%	-	100%	96%	94%	97%	95%	-	100%	96%	97%	98%	97%	-	100%	98%	99%	97%	98%	-	97%	-
HC Vehicles	-	4	14	8	26	-	-	12	54	3	69	-	-	6	8	8	22	-	-	3	26	6	35	-	152	-
HC Vehicles %	-	2%	4%	5%	4%	-	-	4%	6%	3%	5%	-	-	4%	3%	2%	3%	-	-	2%	1%	3%	2%	-	3%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at #8 MN7 & CSAH101																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)				15-min Veh Total	15-min Ped Total		
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R			App	Ped*
12:00	2	55	63	54	174	-	18	49	201	38	306	-	1	32	49	31	113	-	8	56	170	28	262	-	855	-
12:15	-	62	73	44	179	-	10	44	204	50	308	-	-	32	75	61	168	-	8	39	174	23	244	2	899	2
12:30	-	60	75	55	190	2	9	44	181	35	269	-	-	33	75	59	167	-	15	65	182	30	292	-	918	2
12:45	1	68	72	53	194	-	13	56	184	43	296	-	1	46	54	69	170	-	5	64	189	25	283	-	943	-
Total	3	245	283	206	737	2	50	193	770	166	1179	-	2	143	253	220	618	-	36	224	715	106	1081	2	3615	4
% App	0%	33%	38%	28%	100%	-	4%	16%	65%	14%	100%	-	0%	23%	41%	36%	100%	-	3%	21%	66%	10%	100%	-	-	-
% Total	0%	7%	8%	6%	20%	50%	1%	5%	21%	5%	33%	-	0%	4%	7%	6%	17%	-	1%	6%	20%	3%	30%	50%	100%	100%
PHF	0.375	0.901	0.943	0.936	0.950	-	0.694	0.862	0.944	0.830	0.957	-	0.500	0.777	0.843	0.797	0.909	-	0.600	0.862	0.946	0.883	0.926	-	0.958	-
Passenger Vehicles	3	240	278	200	721	-	50	188	731	159	1128	-	2	136	249	215	602	-	35	222	666	101	1024	-	3475	-
Passenger Vehicles %	100%	98%	98%	97%	98%	-	100%	97%	95%	96%	96%	-	100%	95%	98%	98%	97%	-	97%	99%	93%	95%	95%	-	96%	-
HC Vehicles	-	5	5	6	16	-	-	5	39	7	51	-	-	7	4	5	16	-	1	2	49	5	57	-	140	-
HC Vehicles %	-	2%	2%	3%	2%	-	-	3%	5%	4%	4%	-	-	5%	2%	2%	3%	-	3%	1%	7%	5%	5%	-	4%	-

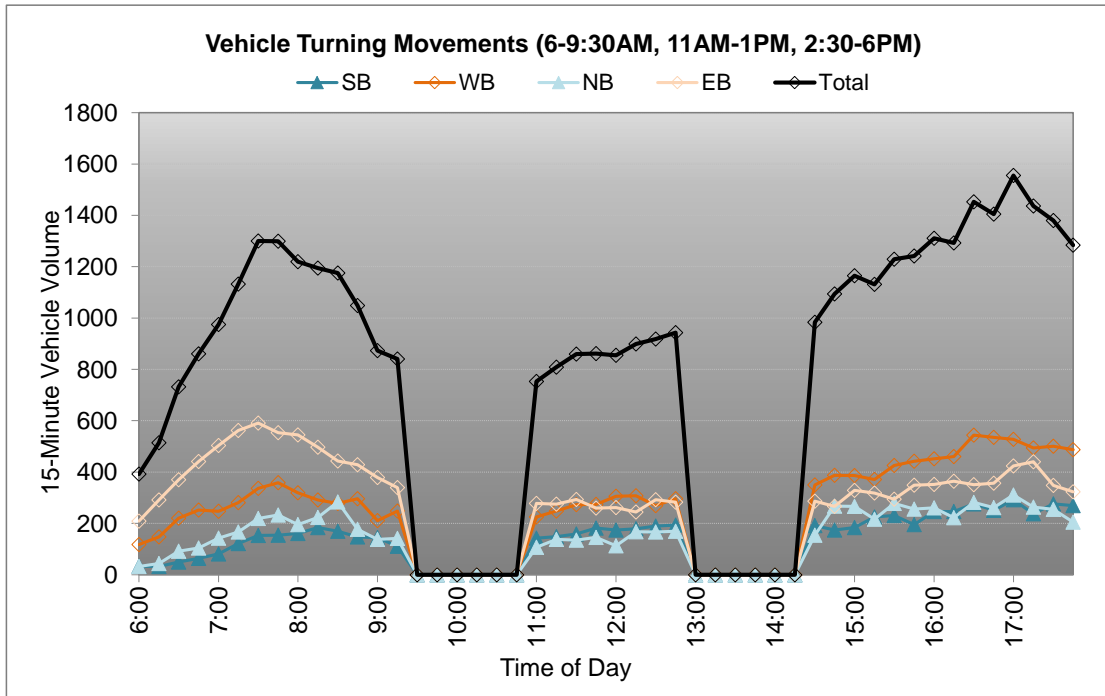
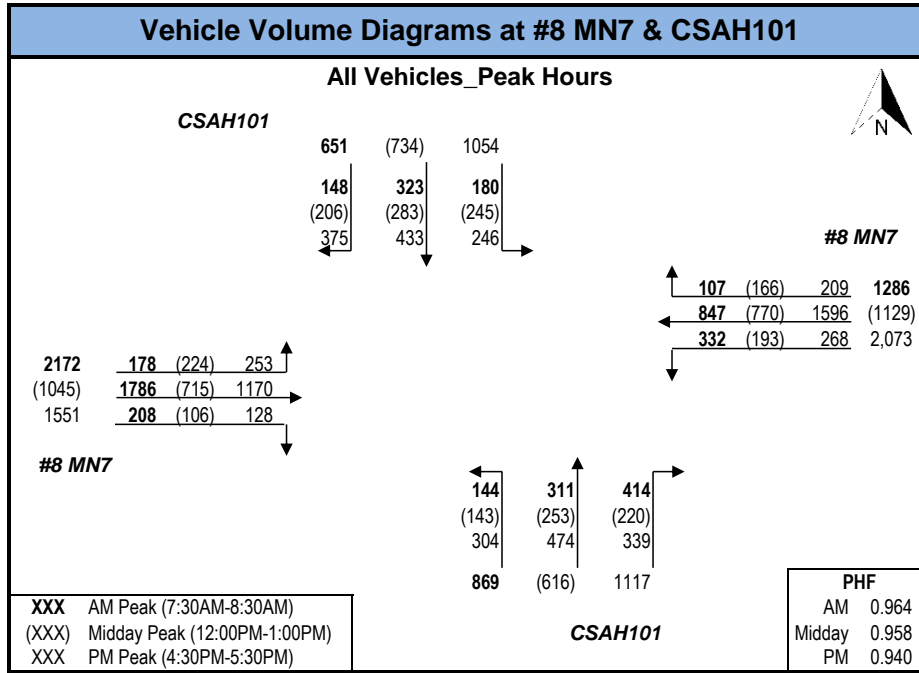
All Vehicles_PM Peak (4:30PM-5:30PM) at #8 MN7 & CSAH101																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)				15-min Veh Total	15-min Ped Total		
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R			App	Ped*
16:30	1	75	95	105	276	-	4	74	415	51	544	-	1	74	116	91	282	-	8	47	268	28	351	-	1453	-
16:45	1	53	117	80	251	-	10	65	403	57	535	-	-	76	103	83	262	-	1	58	267	31	357	-	1405	-
17:00	1	71	115	105	292	-	6	65	401	56	528	-	1	79	135	96	311	-	5	61	322	36	424	-	1555	-
17:15	-	47	106	85	238	-	8	64	377	45	494	-	-	75	120	69	264	-	7	87	313	33	440	-	1436	-
Total	3	246	433	375	1057	-	28	268	1596	209	2101	-	2	304	474	339	1119	-	21	253	1170	128	1572	-	5849	-
% App	0%	23%	41%	35%	100%	-	1%	13%	76%	10%	100%	-	0%	27%	42%	30%	100%	-	1%	16%	74%	8%	100%	-	-	-
% Total	0%	4%	7%	6%	18%	-	0%	5%	27%	4%	36%	-	0%	5%	8%	6%	19%	-	0%	4%	20%	2%	27%	-	100%	-
PHF	0.750	0.820	0.925	0.893	0.905	-	0.700	0.905	0.961	0.917	0.966	-	0.500	0.962	0.878	0.883	0.900	-	0.656	0.727	0.908	0.889	0.893	-	0.940	-
Passenger Vehicles	3	244	431	369	1047	-	28	264	1584	207	2083	-	2	297	473	333	1105	-	21	253	1139	128	1541	-	5776	-
Passenger Vehicles %	100%	99%	100%	98%	99%	-	100%	99%	99%	99%	99%	-	100%	98%	100%	98%	99%	-	100%	100%	97%	100%	98%	-	99%	-
HC Vehicles	-	2	2	6	10	-	-	4	12	2	18	-	-	7	1	6	14	-	-	-	31	-	31	-	73	-
HC Vehicles %	-	1%	0%	2%	1%	-	-	1%	1%	1%	1%	-	-	2%	0%	2%	1%	-	-	-	3%	-	2%	-	1%	-

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
 asterisk (*) indicates pedestrians and bicyclists on crosswalk
 dash (-) in the table indicates zero or not applicable
 % App = percentage of specific movement total in relation to its approach total
 % Total = percentage of specific movement total in relation to its intersection total
 Passenger Vehicles % = percentage of passenger vehicle total in a specific movement
 HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement

Intersection Traffic Counts

Intersection: #8 MN7 & CSAH101
Count Date(s): Wed, Feb 28, 2018
Peaks: 6-9:30AM, 11AM-1PM, 2:30-6PM

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Passenger Vehicles Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at MN7 & CSAH101																				
Start Time	From North (Southbound)					From East (Westbound)					From South (Northbound)					From West (Eastbound)				
	U	L	T	R	Ped*	U	L	T	R	Ped*	U	L	T	R	Ped*	U	L	T	R	Ped*
6:00	-	15	13	4	-	-	21	90	2	-	-	1	11	16	-	-	7	189	7	-
6:15	-	13	8	11	-	2	16	116	8	-	1	4	15	23	-	1	17	261	9	-
6:30	-	10	23	16	-	3	52	153	4	-	-	7	28	54	-	1	22	337	6	-
6:45	-	17	35	10	-	7	79	142	18	-	-	11	43	47	-	1	41	370	23	-
7:00	-	15	38	25	-	2	38	167	18	-	-	11	57	70	-	1	33	424	36	-
7:15	1	33	54	31	-	3	61	191	15	-	-	11	58	94	-	4	43	455	48	-
7:30	1	34	70	39	-	8	70	225	21	-	-	33	68	113	-	3	37	488	55	-
7:45	-	44	81	28	-	1	99	219	27	-	1	29	86	106	-	5	33	448	55	-
8:00	-	47	72	35	-	6	64	199	26	-	-	34	71	88	-	4	58	430	45	1
8:15	-	51	86	38	-	5	87	150	30	-	-	42	78	99	-	2	47	394	47	-
8:30	3	46	72	41	-	4	50	186	26	-	-	38	135	101	-	7	54	334	39	1
8:45	1	36	62	45	-	6	42	200	28	-	-	45	65	58	-	13	64	315	22	-
9:00	2	45	43	34	-	7	30	137	25	-	1	35	52	41	-	5	49	277	35	-
9:15	-	47	31	26	-	3	30	169	21	-	-	23	58	54	-	5	49	251	26	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	1	50	55	36	-	10	42	127	33	-	-	32	39	35	-	5	41	194	24	-
11:15	2	51	56	35	-	-	33	155	44	-	-	43	74	19	-	8	38	200	22	-
11:30	1	63	55	37	-	8	49	155	47	-	-	31	66	34	-	3	57	191	32	-
11:45	-	47	75	55	-	10	48	165	37	-	-	36	61	43	-	3	52	164	31	-
12:00	2	53	61	54	-	18	48	190	38	-	1	30	48	29	-	7	55	160	28	-
12:15	-	60	73	41	-	10	43	194	49	-	-	31	75	61	-	8	38	162	21	2
12:30	-	60	73	54	2	9	42	167	31	-	-	32	74	58	-	15	65	169	29	-
12:45	1	67	71	51	-	13	55	180	41	-	1	43	52	67	-	5	64	175	23	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	48	78	62	-	8	51	237	41	-	1	42	56	53	-	5	43	206	17	-
14:45	1	44	76	50	-	5	73	251	49	-	-	42	134	82	-	2	45	162	40	-
15:00	1	32	81	64	-	3	74	266	38	-	-	40	112	109	-	3	54	224	27	2
15:15	1	50	94	78	-	5	64	246	50	-	1	55	90	64	1	6	43	235	17	-
15:30	1	57	96	74	2	8	52	307	50	-	-	68	99	108	-	3	43	202	28	-
15:45	-	43	77	74	-	7	60	320	48	-	-	58	113	76	-	10	70	226	35	-
16:00	-	46	94	91	-	7	62	339	40	1	-	69	99	91	1	10	51	234	36	1
16:15	3	68	96	75	2	9	50	358	37	2	-	65	87	60	-	7	62	244	30	2
16:30	1	74	94	100	-	4	74	413	51	-	1	70	116	90	-	8	47	258	28	-
16:45	1	53	117	79	-	10	64	398	56	-	-	73	103	82	-	1	58	263	31	-
17:00	1	71	115	105	-	6	63	399	55	-	1	79	134	94	-	5	61	313	36	-
17:15	-	46	105	85	-	8	63	374	45	-	-	75	120	67	-	7	87	305	33	-
17:30	-	69	102	104	-	3	50	402	44	-	-	70	109	73	-	5	78	219	32	3
17:45	-	42	138	89	-	6	57	380	42	-	-	48	92	64	-	4	58	215	39	1

U = U-Turn, L = Left, T = Thru, R = Right
 asterisk (*) indicates pedestrians and bicyclists on crosswalk
 dash (-) in the table indicates zero or not applicable

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HC Vehicles_Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at MN7 & CSAH101																
Start Time	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
6:00	-	-	-	1	-	2	3	-	-	3	1	-	-	-	6	-
6:15	-	-	-	-	-	-	5	-	-	-	1	-	-	-	3	-
6:30	-	-	-	1	-	1	5	2	-	2	-	1	-	-	3	1
6:45	-	-	1	1	-	-	4	2	-	-	2	1	-	1	3	2
7:00	-	-	2	1	-	3	19	-	-	1	2	2	-	2	7	1
7:15	-	1	2	-	-	3	8	-	-	-	1	3	-	-	7	5
7:30	-	2	4	3	-	4	9	-	-	1	2	2	-	1	5	2
7:45	-	-	1	-	-	1	11	1	-	5	3	3	-	1	10	1
8:00	-	1	4	2	-	3	19	2	-	-	1	1	-	-	6	2
8:15	-	1	5	3	-	4	15	-	-	-	2	2	-	1	5	1
8:30	-	1	5	2	1	-	11	-	-	6	2	2	-	1	8	-
8:45	-	1	1	1	-	1	16	3	-	5	2	2	-	4	10	1
9:00	-	1	1	19	2	-	9	1	-	-	8	1	-	1	12	-
9:15	-	1	3	3	1	4	18	2	-	2	4	1	-	-	6	2
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	-	-	1	-	-	13	-	-	-	1	-	-	2	11	1
11:15	-	1	1	2	-	1	12	3	-	-	-	2	-	-	7	-
11:30	-	1	-	2	-	-	10	4	-	1	3	-	-	2	6	2
11:45	-	2	3	-	-	-	13	1	-	5	-	1	1	1	7	1
12:00	-	2	2	-	-	1	11	-	-	2	1	2	1	1	10	-
12:15	-	2	-	3	-	1	10	1	-	1	-	-	-	1	12	2
12:30	-	-	2	1	-	2	14	4	-	1	1	1	-	-	13	1
12:45	-	1	1	2	-	1	4	2	-	3	2	2	-	-	14	2
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	2	1	1	-	1	12	-	-	-	2	-	-	1	12	3
14:45	-	3	-	-	-	1	8	-	-	3	3	3	-	2	14	1
15:00	-	2	4	-	-	-	5	-	-	1	3	1	-	5	13	3
15:15	-	1	1	-	-	1	5	-	-	3	2	2	-	2	13	2
15:30	-	3	-	-	-	1	7	1	-	1	2	-	-	2	14	2
15:45	-	-	1	-	-	2	4	1	-	3	4	2	-	1	7	-
16:00	-	-	11	4	-	-	3	1	-	2	-	-	-	1	20	-
16:15	-	1	-	3	-	-	6	-	-	9	1	-	-	1	18	2
16:30	-	1	1	5	-	-	2	-	-	4	-	1	-	-	10	-
16:45	-	-	-	1	-	1	5	1	-	3	-	1	-	-	4	-
17:00	-	-	-	-	-	2	2	1	-	-	1	2	-	-	9	-
17:15	-	1	1	-	-	1	3	-	-	-	-	2	-	-	8	-
17:30	-	1	-	-	-	1	-	1	-	1	1	1	-	-	14	-
17:45	-	-	-	-	-	1	1	-	-	-	-	1	-	-	7	-

U = U-Turn, L = Left, T = Thru, R = Right
 dash (-) in the table indicates zero or not applicable