

Intersection Traffic Counts

Intersection: #12 MN7 & Woodland Rd
 Count Date(s): Thu, Mar 1, 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 (7:15AM-8:15AM) at #12 MN7 & Woodland Rd																										
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*		
7:15	-	15	6	13	34	-	-	4	282	9	295	-	-	12	7	31	50	-	1	6	660	-	667	-	1046	-
7:30	-	10	9	21	40	-	1	10	363	5	379	-	-	7	11	37	55	-	-	9	734	-	743	-	1217	-
7:45	-	14	3	12	29	-	-	9	338	20	367	-	-	5	9	22	36	-	2	8	661	-	671	-	1103	-
8:00	-	24	5	5	34	-	1	13	270	16	300	-	-	7	8	26	41	-	5	10	646	-	661	-	1036	-
Total	-	63	23	51	137	-	2	36	1253	50	1341	-	-	31	35	116	182	-	8	33	2701	-	2742	-	4402	-
% App	-	46%	17%	37%	100%	-	0%	3%	93%	4%	100%	-	-	17%	19%	64%	100%	-	0%	1%	99%	-	100%	-	-	-
% Total	-	1%	1%	1%	3%	-	0%	1%	28%	1%	30%	-	-	1%	1%	3%	4%	-	0%	1%	61%	-	62%	-	100%	-
PHF	-	0.656	0.639	0.607	0.856	-	0.500	0.692	0.863	0.625	0.885	-	-	0.646	0.795	0.784	0.827	-	0.400	0.825	0.920	-	0.923	-	0.904	-
Passenger Vehicles	-	63	21	50	134	-	2	36	1209	48	1295	-	-	30	34	115	179	-	8	31	2674	-	2713	-	4321	-
Passenger Vehicles %	-	100%	91%	98%	98%	-	100%	100%	96%	96%	97%	-	-	97%	97%	99%	98%	-	100%	94%	99%	-	99%	-	98%	-
HC Vehicles	-	-	2	1	3	-	-	-	44	2	46	-	-	1	1	1	3	-	-	2	27	-	29	-	81	-
HC Vehicles %	-	-	9%	2%	2%	-	-	-	4%	4%	3%	-	-	3%	3%	1%	2%	-	-	6%	1%	-	1%	-	2%	-

All Vehicles_Midday Peak (11:45AM-12:45PM) at #12 MN7 & Woodland Rd																										
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*		
11:45	-	7	2	6	15	-	-	4	294	5	303	-	-	4	1	10	15	-	1	4	315	-	320	-	653	-
12:00	-	3	5	4	12	-	4	16	244	14	278	-	-	6	5	9	20	-	5	12	291	3	311	-	621	-
12:15	-	9	8	4	21	-	5	9	305	4	323	-	-	2	5	3	10	-	3	8	290	1	302	-	656	-
12:30	-	5	1	3	9	-	5	13	251	6	275	-	-	5	4	10	19	-	3	10	333	1	347	-	650	-
Total	-	24	16	17	57	-	14	42	1094	29	1179	-	-	17	15	32	64	-	12	34	1229	5	1280	-	2580	-
% App	-	42%	28%	30%	100%	-	1%	4%	93%	2%	100%	-	-	27%	23%	50%	100%	-	1%	3%	96%	0%	100%	-	-	-
% Total	-	1%	1%	1%	2%	-	1%	2%	42%	1%	46%	-	-	1%	1%	1%	2%	-	0%	1%	48%	0%	50%	-	100%	-
PHF	-	0.667	0.500	0.708	0.679	-	0.700	0.656	0.897	0.518	0.913	-	-	0.708	0.750	0.800	0.800	-	0.600	0.708	0.923	0.417	0.922	-	0.983	-
Passenger Vehicles	-	24	15	16	55	-	14	42	1056	29	1141	-	-	17	14	32	63	-	11	33	1182	5	1231	-	2490	-
Passenger Vehicles %	-	100%	94%	94%	96%	-	100%	100%	97%	100%	97%	-	-	100%	93%	100%	98%	-	92%	97%	96%	100%	96%	-	97%	-
HC Vehicles	-	-	1	1	2	-	-	-	38	-	38	-	-	-	1	-	1	-	1	1	47	-	49	-	90	-
HC Vehicles %	-	-	6%	6%	4%	-	-	-	3%	-	3%	-	-	-	7%	-	2%	-	8%	3%	4%	-	4%	-	3%	-

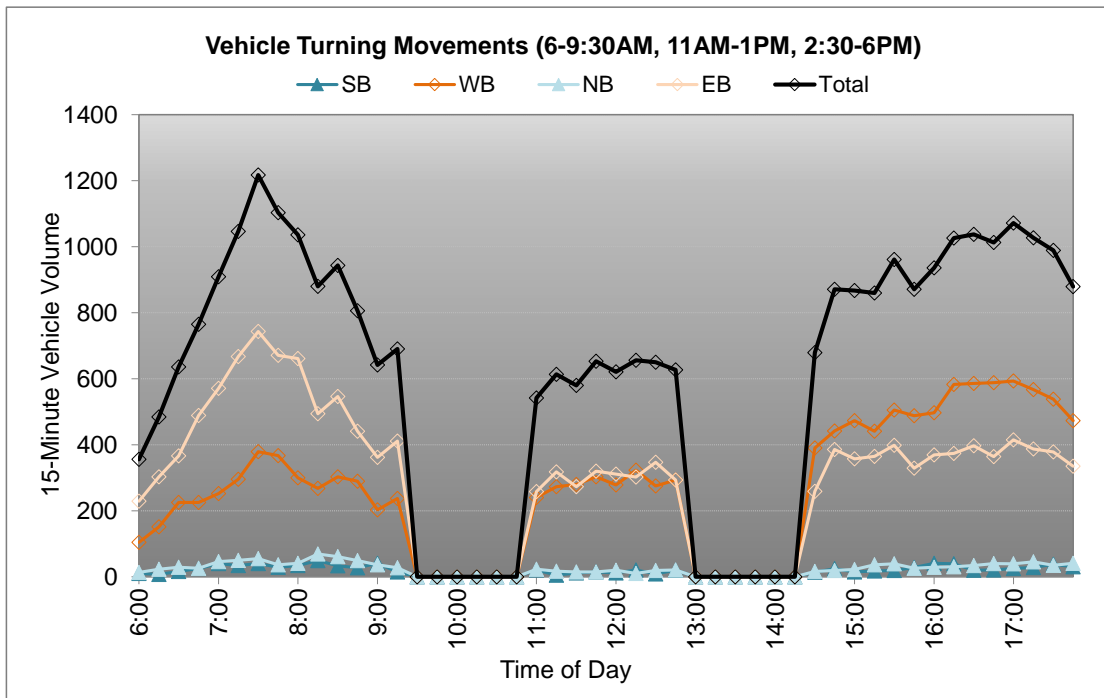
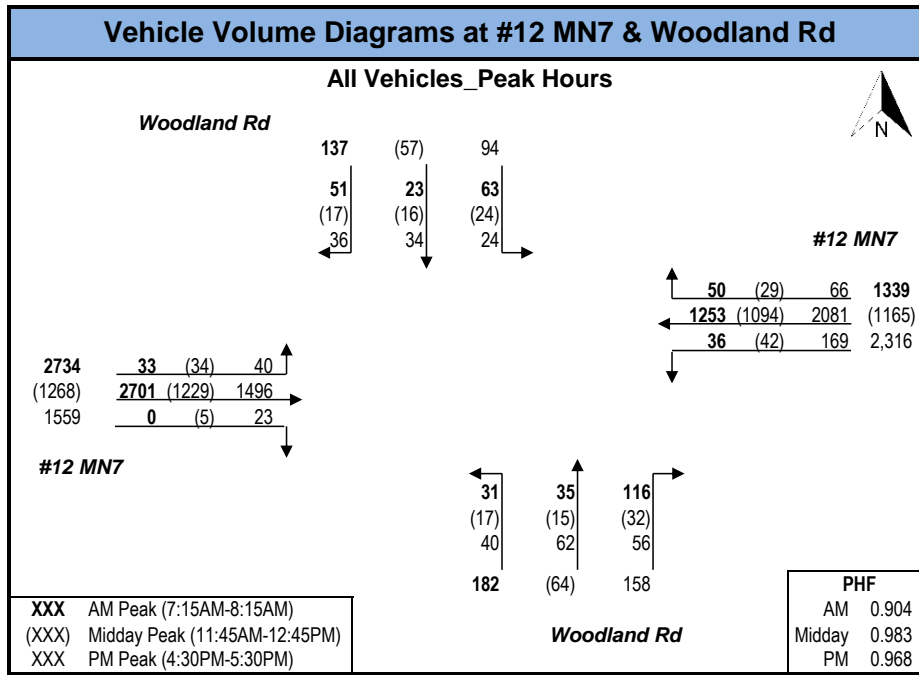
All Vehicles_PM Peak (4:30PM-5:30PM) at #12 MN7 & Woodland Rd																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:30	-	6	6	8	20	-	2	39	532	13	586	-	-	8	11	15	34	-	-	6	387	4	397	-	1037	-
16:45	-	4	6	11	21	-	5	39	526	18	588	-	-	12	17	11	40	-	1	7	349	7	364	-	1013	-
17:00	-	6	9	10	25	-	4	48	520	21	593	-	-	6	15	18	39	-	2	9	402	2	415	-	1072	-
17:15	-	8	13	7	28	-	7	43	503	14	567	-	-	14	19	12	45	-	1	18	358	10	387	-	1027	-
Total	-	24	34	36	94	-	18	169	2081	66	2334	-	-	40	62	56	158	-	4	40	1496	23	1563	-	4149	-
% App	-	26%	36%	38%	100%	-	1%	7%	89%	3%	100%	-	-	25%	39%	35%	100%	-	0%	3%	96%	1%	100%	-	-	-
% Total	-	1%	1%	1%	2%	-	0%	4%	50%	2%	56%	-	-	1%	1%	1%	4%	-	0%	1%	36%	1%	38%	-	100%	-
PHF	-	0.750	0.654	0.818	0.839	-	0.643	0.880	0.978	0.786	0.984	-	-	0.714	0.816	0.778	0.878	-	0.500	0.556	0.930	0.575	0.942	-	0.968	-
Passenger Vehicles	-	24	33	35	92	-	18	169	2066	66	2319	-	-	39	61	56	156	-	4	40	1468	23	1535	-	4102	-
Passenger Vehicles %	-	100%	97%	97%	98%	-	100%	100%	99%	100%	99%	-	-	98%	98%	100%	99%	-	100%	100%	98%	100%	98%	-	99%	-
HC Vehicles	-	-	1	1	2	-	-	-	15	-	15	-	-	1	1	-	2	-	-	-	28	-	28	-	47	-
HC Vehicles %	-	-	3%	3%	2%	-	-	-	1%	-	1%	-	-	3%	2%	-	1%	-	-	-	2%	-	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: #12 MN7 & Woodland Rd
Count Date(s): Thu, Mar 1, 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 #12 MN7 & Woodland Rd																				
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	-	9	-	1	-	-	2	95	1	-	-	-	1	12	-	-	-	227	-	-
6:15	-	5	-	2	-	-	1	140	2	-	-	2	-	21	1	-	-	301	-	-
6:30	-	9	1	6	-	-	8	204	2	-	-	4	3	22	-	-	-	364	-	-
6:45	-	11	2	12	-	1	5	207	8	-	-	2	4	20	-	-	4	480	-	-
7:00	-	20	3	15	-	3	9	226	4	-	-	1	2	40	-	2	5	556	-	-
7:15	-	15	5	12	-	-	4	274	9	-	-	12	7	31	-	1	6	651	-	-
7:30	-	10	9	21	-	1	10	355	5	-	-	7	10	37	-	-	9	728	-	-
7:45	-	14	3	12	-	-	9	319	18	-	-	5	9	21	-	2	7	656	-	-
8:00	-	24	4	5	-	1	13	261	16	-	-	6	8	26	-	5	9	639	-	-
8:15	-	20	19	9	-	3	21	218	12	-	-	7	15	45	-	2	4	481	-	-
8:30	-	14	10	6	-	1	6	274	12	-	-	6	21	33	-	3	3	525	-	-
8:45	-	10	8	8	-	2	7	246	13	-	-	10	13	23	-	5	5	424	-	-
9:00	-	19	12	8	-	2	10	171	10	-	-	4	7	24	-	1	3	345	-	-
9:15	-	7	2	6	-	4	4	206	4	-	-	3	4	20	-	3	4	393	2	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	5	3	12	-	3	8	214	7	-	-	4	4	15	-	3	2	236	-	-
11:15	-	3	-	2	-	2	5	249	5	-	-	3	1	13	-	-	4	303	-	-
11:30	-	4	3	5	-	4	15	247	4	-	-	5	2	8	-	6	6	255	-	-
11:45	-	7	2	5	-	-	4	278	5	-	-	4	1	10	-	1	4	307	-	-
12:00	-	3	5	4	-	4	16	239	14	-	-	6	4	9	-	4	11	276	3	-
12:15	-	9	7	4	-	5	9	293	4	-	-	2	5	3	-	3	8	283	1	-
12:30	-	5	1	3	-	5	13	246	6	-	-	5	4	10	-	3	10	316	1	-
12:45	-	6	4	10	-	4	20	252	7	-	-	5	5	11	-	2	2	271	-	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	5	3	6	-	5	17	361	2	-	-	3	2	11	-	5	2	241	1	-
14:45	-	5	5	14	-	4	19	400	11	-	-	3	7	7	-	-	10	366	1	-
15:00	-	3	4	7	-	2	35	416	13	-	-	4	8	10	-	2	7	334	3	-
15:15	-	6	4	8	-	4	25	401	7	-	-	3	18	15	-	2	11	340	3	-
15:30	-	6	5	7	-	5	28	445	19	-	-	11	11	14	-	2	10	364	4	-
15:45	-	5	9	14	-	3	31	425	22	-	-	6	6	12	-	1	11	300	4	-
16:00	-	13	16	8	-	4	28	447	14	-	-	5	10	13	-	4	15	337	6	-
16:15	-	11	13	14	-	3	35	524	14	-	-	10	6	13	-	3	5	357	5	-
16:30	-	6	5	8	-	2	39	528	13	-	-	7	10	15	-	-	6	377	4	-
16:45	-	4	6	10	-	5	39	523	18	-	-	12	17	11	-	1	7	342	7	-
17:00	-	6	9	10	-	4	48	514	21	-	-	6	15	18	-	2	9	395	2	-
17:15	-	8	13	7	-	7	43	501	14	-	-	14	19	12	-	1	18	354	10	-
17:30	-	14	16	8	-	6	22	478	28	-	-	7	15	13	-	3	16	348	8	-
17:45	-	14	5	11	-	3	35	418	16	-	-	11	10	20	-	3	14	315	1	-

U = U-Turn, L = Left, T = Thru, R = Right
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HC Vehicles_ Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at #12 MN7 & Woodland Rd																
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	-	-	-	-	-	-	6	-	-	-	-	-	-	-	2	-
6:15	-	-	-	-	-	-	8	-	-	-	-	-	-	-	2	-
6:30	-	-	-	-	-	-	10	1	-	-	-	-	-	-	2	-
6:45	-	-	-	-	-	-	3	1	-	-	-	-	-	1	4	-
7:00	-	2	-	-	-	1	9	-	-	-	2	1	-	1	7	-
7:15	-	-	1	1	-	-	8	-	-	-	-	-	-	-	9	-
7:30	-	-	-	-	-	-	8	-	-	-	1	-	-	-	6	-
7:45	-	-	-	-	-	-	19	2	-	-	-	1	-	1	5	-
8:00	-	-	1	-	-	-	9	-	-	1	-	-	-	1	7	-
8:15	-	-	-	1	-	-	12	2	-	-	1	1	-	-	7	-
8:30	-	-	2	1	-	-	10	-	-	-	1	-	-	-	15	-
8:45	-	-	-	1	-	-	21	-	-	-	3	-	-	-	7	-
9:00	-	1	1	-	-	1	8	1	-	-	1	-	-	-	13	-
9:15	-	-	-	-	1	-	18	-	-	-	-	-	-	-	9	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	1	-	-	-	-	8	-	-	-	-	-	-	-	17	-
11:15	-	-	-	-	-	-	12	-	-	-	-	-	-	-	11	-
11:30	-	-	-	-	-	-	10	-	-	-	-	-	-	-	6	-
11:45	-	-	-	1	-	-	16	-	-	-	-	-	-	-	8	-
12:00	-	-	-	-	-	-	5	-	-	-	1	-	1	1	15	-
12:15	-	-	1	-	-	-	12	-	-	-	-	-	-	-	7	-
12:30	-	-	-	-	-	-	5	-	-	-	-	-	-	-	17	-
12:45	-	-	-	-	-	-	10	-	-	-	-	-	-	-	18	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	5	-	-	-	-	-	-	-	10	-
14:45	-	-	-	-	-	-	8	-	-	1	1	-	-	2	7	-
15:00	-	1	-	-	-	-	7	-	-	-	-	-	-	-	11	-
15:15	-	-	-	-	-	-	4	-	-	-	-	-	-	-	9	-
15:30	-	-	-	1	-	-	8	-	-	1	2	-	-	2	16	-
15:45	-	-	-	-	-	-	7	-	-	-	2	-	-	1	12	-
16:00	-	-	4	-	-	1	3	-	-	-	-	1	-	-	7	-
16:15	-	-	1	-	-	-	7	-	-	1	-	-	1	-	2	1
16:30	-	-	1	-	-	-	4	-	-	1	1	-	-	-	10	-
16:45	-	-	-	1	-	-	3	-	-	-	-	-	-	-	7	-
17:00	-	-	-	-	-	-	6	-	-	-	-	-	-	-	7	-
17:15	-	-	-	-	-	-	2	-	-	-	-	-	-	-	4	-
17:30	-	-	-	-	-	-	4	-	-	-	-	-	-	-	3	-
17:45	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-

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