

Intersection Traffic Counts

Intersection: #14 MN7 & Shady Oak 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 #14 MN7 & Shady Oak 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	-	12	23	5	40	-	-	31	193	3	227	-	-	49	12	21	82	-	2	5	297	65	369	-	718	-
7:30	-	8	28	14	50	-	-	42	196	10	248	-	-	63	12	35	110	-	-	8	358	87	453	-	861	-
7:45	-	16	30	11	57	-	-	46	290	8	344	-	-	65	16	35	116	-	1	3	389	112	505	-	1022	-
8:00	-	11	18	4	33	-	-	32	218	7	257	-	-	47	13	38	98	-	1	7	317	87	412	-	800	-
Total	-	47	99	34	180	-	-	151	897	28	1076	-	-	224	53	129	406	-	4	23	1361	351	1739	-	3401	-
% App	-	26%	55%	19%	100%	-	-	14%	83%	3%	100%	-	-	55%	13%	32%	100%	-	0%	1%	78%	20%	100%	-	-	-
% Total	-	1%	3%	1%	5%	-	-	4%	26%	1%	32%	-	-	7%	2%	4%	12%	-	0%	1%	40%	10%	51%	-	100%	-
PHF	-	0.734	0.825	0.607	0.789	-	-	0.821	0.773	0.700	0.782	-	-	0.862	0.828	0.849	0.875	-	0.500	0.719	0.875	0.783	0.861	-	0.832	-
Passenger Vehicles	-	47	96	34	177	-	-	148	878	27	1053	-	-	209	52	127	388	-	4	22	1348	342	1716	-	3334	-
Passenger Vehicles %	-	100%	97%	100%	98%	-	-	98%	98%	96%	98%	-	-	93%	98%	98%	96%	-	100%	96%	99%	97%	99%	-	98%	-
HC Vehicles	-	-	3	-	3	-	-	3	19	1	23	-	-	15	1	2	18	-	-	1	13	9	23	-	67	-
HC Vehicles %	-	-	3%	-	2%	-	-	2%	2%	4%	2%	-	-	7%	2%	2%	4%	-	-	4%	1%	3%	1%	-	2%	-

All Vehicles_Midday Peak (11:15AM-12:15PM) at #14 MN7 & Shady Oak 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*		
11:15	-	3	9	5	17	-	1	25	167	14	207	-	-	48	20	23	91	-	1	3	175	46	225	-	540	-
11:30	-	8	17	6	31	-	-	23	155	11	189	-	-	39	13	26	78	-	-	4	164	34	202	-	500	-
11:45	-	7	11	3	21	-	-	21	133	8	162	-	-	43	13	28	84	-	-	10	160	59	229	-	496	-
12:00	-	14	13	2	29	-	-	30	174	14	218	-	-	53	14	32	99	-	-	6	164	37	207	-	553	-
Total	-	32	50	16	98	-	1	99	629	47	776	-	-	183	60	109	352	-	1	23	663	176	863	-	2089	-
% App	-	33%	51%	16%	100%	-	0%	13%	81%	6%	100%	-	-	52%	17%	31%	100%	-	0%	3%	77%	20%	100%	-	-	-
% Total	-	2%	2%	1%	5%	-	0%	5%	30%	2%	37%	-	-	9%	3%	5%	17%	-	0%	1%	32%	8%	41%	-	100%	-
PHF	-	0.571	0.735	0.667	0.790	-	0.250	0.825	0.904	0.839	0.890	-	-	0.863	0.750	0.852	0.889	-	0.250	0.575	0.947	0.746	0.942	-	0.944	-
Passenger Vehicles	-	31	50	16	97	-	1	94	613	47	755	-	-	176	59	106	341	-	1	22	647	164	834	-	2027	-
Passenger Vehicles %	-	97%	100%	100%	99%	-	100%	95%	97%	100%	97%	-	-	96%	98%	97%	97%	-	100%	96%	98%	93%	97%	-	97%	-
HC Vehicles	-	1	-	-	1	-	-	5	16	-	21	-	-	7	1	3	11	-	-	1	16	12	29	-	62	-
HC Vehicles %	-	3%	-	-	1%	-	-	5%	3%	-	3%	-	-	4%	2%	3%	3%	-	-	4%	2%	7%	3%	-	3%	-

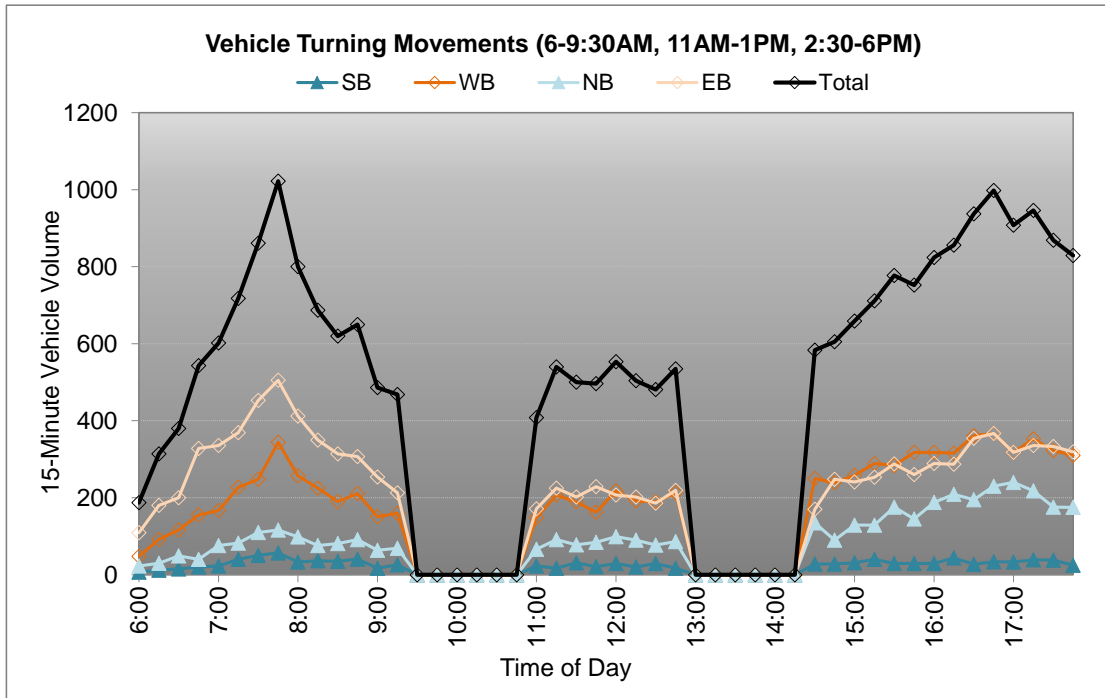
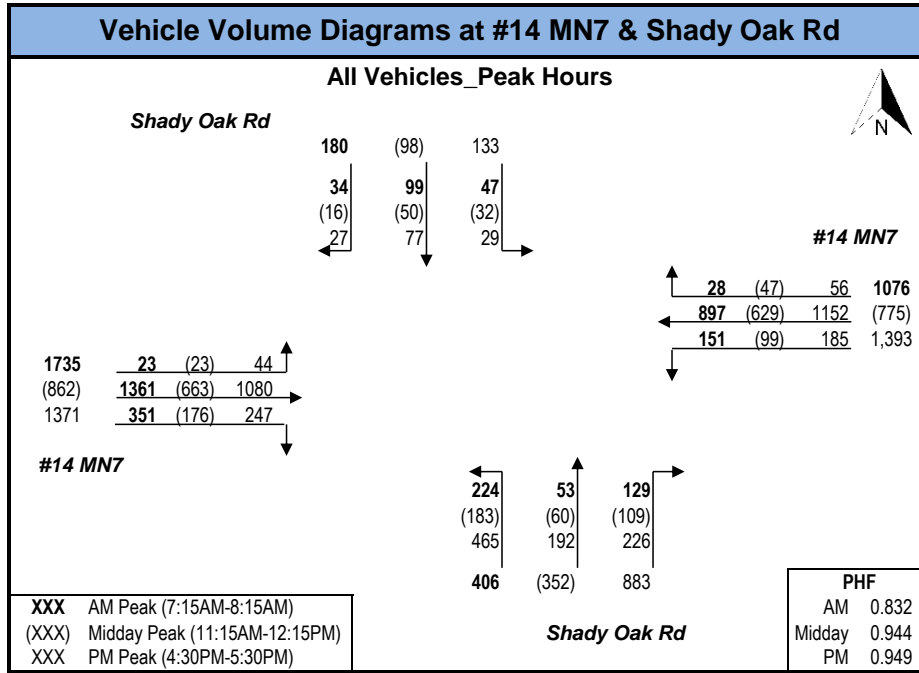
All Vehicles_PM Peak (4:30PM-5:30PM) at #14 MN7 & Shady Oak Rd																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:30	-	7	14	6	27	-	1	50	301	9	361	-	-	97	41	57	195	-	-	5	289	60	354	-	937	-
16:45	-	4	21	9	34	-	4	35	312	16	367	-	-	122	56	52	230	-	1	15	285	66	367	-	998	-
17:00	-	7	19	7	33	-	-	43	261	13	317	-	-	129	53	58	240	-	3	8	247	60	318	-	908	-
17:15	-	11	23	5	39	-	-	57	278	18	353	-	-	117	42	59	218	-	-	16	259	61	336	-	946	-
Total	-	29	77	27	133	-	5	185	1152	56	1398	-	-	465	192	226	883	-	4	44	1080	247	1375	-	3789	-
% App	-	22%	58%	20%	100%	-	0%	13%	82%	4%	100%	-	-	53%	22%	26%	100%	-	0%	3%	79%	18%	100%	-	-	-
% Total	-	1%	2%	1%	4%	-	0%	5%	30%	1%	37%	-	-	12%	5%	6%	23%	-	0%	1%	29%	7%	36%	-	100%	-
PHF	-	0.659	0.837	0.750	0.853	-	0.313	0.811	0.923	0.778	0.952	-	-	0.901	0.857	0.958	0.920	-	0.333	0.688	0.934	0.936	0.937	-	0.949	-
Passenger Vehicles	-	29	76	27	132	-	5	185	1140	56	1386	-	-	461	189	222	872	-	4	44	1075	243	1366	-	3756	-
Passenger Vehicles %	-	100%	99%	100%	99%	-	100%	100%	99%	100%	99%	-	-	99%	98%	98%	99%	-	100%	100%	100%	98%	99%	-	99%	-
HC Vehicles	-	-	1	-	1	-	-	-	12	-	12	-	-	4	3	4	11	-	-	-	5	4	9	-	33	-
HC Vehicles %	-	-	1%	-	1%	-	-	-	1%	-	1%	-	-	1%	2%	2%	1%	-	-	-	0%	2%	1%	-	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

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Intersection: #14 MN7 & Shady Oak 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 #14 MN7 & Shady Oak 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	-	4	3	-	-	-	9	37	1	-	-	11	3	9	-	-	-	83	25	-
6:15	-	1	7	4	-	-	15	70	4	-	-	17	1	11	-	-	-	140	39	-
6:30	-	1	10	3	-	-	24	88	-	-	-	30	6	12	-	-	-	142	55	-
6:45	-	7	6	7	-	-	14	134	5	-	-	21	3	15	-	-	5	236	84	-
7:00	-	4	11	8	-	-	22	141	3	-	-	38	6	30	-	1	10	248	72	-
7:15	-	12	22	5	-	-	30	189	3	-	-	47	12	21	-	2	5	294	63	-
7:30	-	8	27	14	-	-	41	191	9	-	-	57	12	35	-	-	7	355	86	-
7:45	-	16	30	11	-	-	46	282	8	-	-	62	15	35	-	1	3	385	108	-
8:00	-	11	17	4	-	-	31	216	7	-	-	43	13	36	-	1	7	314	85	-
8:15	-	8	22	4	-	-	26	179	6	-	-	34	18	21	-	-	7	262	78	-
8:30	-	11	19	5	-	-	25	157	-	-	-	35	17	27	-	1	3	246	59	-
8:45	-	5	28	7	-	-	27	171	7	-	-	43	11	34	-	-	5	228	67	-
9:00	-	4	11	2	-	1	23	117	6	-	-	29	12	22	-	-	5	197	41	-
9:15	-	8	15	3	-	-	27	120	8	-	-	29	14	20	-	1	3	160	46	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	7	13	2	-	1	17	120	5	-	-	31	5	29	-	2	4	121	38	-
11:15	-	3	9	5	-	1	22	160	14	-	-	46	20	22	-	1	3	171	41	-
11:30	-	8	17	6	-	-	22	154	11	-	-	36	13	24	-	-	4	158	32	-
11:45	-	7	11	3	-	-	21	130	8	-	-	41	12	28	-	-	10	156	57	-
12:00	-	13	13	2	-	-	29	169	14	-	-	53	14	32	-	-	5	162	34	-
12:15	-	7	10	2	-	-	25	154	8	-	-	40	16	27	-	-	4	146	47	-
12:30	-	6	19	4	-	1	23	157	7	-	-	34	15	23	-	-	4	139	36	-
12:45	-	7	7	3	-	-	24	175	12	-	-	48	14	23	-	1	2	162	44	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	7	15	5	-	-	25	214	7	-	-	77	23	30	-	-	4	132	23	-
14:45	-	3	15	10	-	-	28	196	9	-	-	34	18	32	-	-	5	197	38	-
15:00	-	14	10	6	-	4	29	209	11	-	-	80	13	29	-	3	7	187	36	-
15:15	-	7	28	3	-	-	39	244	3	-	-	70	27	28	-	1	9	183	52	-
15:30	-	4	16	9	-	-	33	230	11	-	-	94	26	54	-	1	8	207	60	-
15:45	-	10	9	9	-	1	38	264	8	-	-	79	19	45	-	1	4	191	58	-
16:00	-	11	11	6	-	1	35	270	9	-	-	114	26	44	-	1	7	230	46	-
16:15	-	16	20	8	-	1	37	267	10	-	-	121	41	45	-	-	5	222	55	-
16:30	-	7	14	6	-	1	50	296	9	-	-	97	40	55	-	-	5	287	60	-
16:45	-	4	21	9	-	4	35	310	16	-	-	121	56	51	-	1	15	284	64	-
17:00	-	7	19	7	-	-	43	259	13	-	-	128	53	58	-	3	8	246	59	-
17:15	-	11	22	5	-	-	57	275	18	-	-	115	40	58	-	-	16	258	60	-
17:30	-	11	21	6	-	1	37	277	7	-	-	67	41	67	-	1	8	265	57	-
17:45	-	2	17	6	-	-	38	252	19	-	1	87	48	39	-	1	14	245	58	-

U = U-Turn, L = Left, T = Thru, R = Right
 asterisk (*) indicates pedestrians and bicyclists on crosswalk
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HC Vehicles_Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at #14 MN7 & Shady Oak 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	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
6:15	-	-	-	-	-	1	1	1	-	1	-	-	-	-	1	-
6:30	-	-	1	-	-	1	3	-	-	-	1	-	-	-	3	-
6:45	-	-	-	-	-	-	2	-	-	1	-	-	-	-	1	2
7:00	-	-	-	-	-	-	1	-	-	2	-	-	-	-	4	1
7:15	-	-	1	-	-	1	4	-	-	2	-	-	-	-	3	2
7:30	-	-	1	-	-	1	5	1	-	6	-	-	-	1	3	1
7:45	-	-	-	-	-	-	8	-	-	3	1	-	-	-	4	4
8:00	-	-	1	-	-	1	2	-	-	4	-	2	-	-	3	2
8:15	-	-	2	-	-	4	10	-	-	3	-	-	-	1	2	-
8:30	-	-	-	-	-	4	4	-	-	1	-	1	-	-	4	1
8:45	-	-	1	-	-	2	4	-	-	1	2	-	-	-	3	4
9:00	-	-	-	-	-	1	3	-	-	1	-	-	-	-	9	2
9:15	-	-	-	-	-	-	5	-	-	5	-	1	-	-	3	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	-	-	1	-	-	4	1	-	1	-	-	-	2	3	1
11:15	-	-	-	-	-	3	7	-	-	2	-	1	-	-	4	5
11:30	-	-	-	-	-	1	1	-	-	3	-	2	-	-	6	2
11:45	-	-	-	-	-	-	3	-	-	2	1	-	-	-	4	2
12:00	-	1	-	-	-	1	5	-	-	-	-	-	-	1	2	3
12:15	-	-	-	1	-	3	2	-	-	6	-	1	-	1	2	2
12:30	-	-	-	-	-	-	1	-	-	2	-	3	-	-	6	1
12:45	-	-	-	-	-	-	2	-	-	-	-	1	-	-	6	4
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	1	-	1	3	-	-	5	-	-	-	1	8	2
14:45	-	-	-	-	-	2	4	-	-	4	-	2	-	-	5	3
15:00	-	-	1	-	-	2	3	-	-	3	1	3	-	-	5	3
15:15	-	1	1	-	-	1	2	-	-	2	-	2	-	-	5	3
15:30	-	-	-	-	-	3	7	-	-	1	-	1	-	-	6	6
15:45	-	-	1	-	-	2	5	-	-	1	-	1	-	-	5	1
16:00	-	-	1	-	-	1	2	-	-	1	2	1	-	-	4	1
16:15	-	-	-	-	-	-	1	-	-	-	1	1	-	-	3	2
16:30	-	-	-	-	-	-	5	-	-	-	1	2	-	-	2	-
16:45	-	-	-	-	-	-	2	-	-	1	-	1	-	-	1	2
17:00	-	-	-	-	-	-	2	-	-	1	-	-	-	-	1	1
17:15	-	-	1	-	-	-	3	-	-	2	2	1	-	-	1	1
17:30	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-
17:45	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1

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