



# Intersection Traffic Counts

**Intersection:** #18 MN7 & 5th Ave  
**Count Date(s):** Wed, Mar 7, 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 #18 MN7 & 5th Ave																										
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	-	14	17	9	40	-	1	19	253	4	277	-	-	29	15	51	95	-	-	5	418	50	473	-	885	-
7:45	-	11	33	12	56	-	1	44	300	2	347	1	-	19	20	47	86	-	-	5	378	45	428	-	917	1
8:00	-	12	20	8	40	-	-	28	267	5	300	-	-	22	9	48	79	-	-	2	373	27	402	-	821	-
8:15	-	6	26	9	41	-	-	31	207	8	246	-	-	13	9	55	77	-	-	2	337	43	382	-	746	-
<b>Total</b>	-	43	96	38	177	-	2	122	1027	19	1170	1	-	83	53	201	337	-	-	14	1506	165	1685	-	3369	1
<b>% App</b>	-	24%	54%	21%	100%	-	0%	10%	88%	2%	100%	-	-	25%	16%	60%	100%	-	-	1%	89%	10%	100%	-	-	-
<b>% Total</b>	-	1%	3%	1%	5%	-	0%	4%	30%	1%	35%	100%	-	0%	2%	2%	6%	10%	-	0%	45%	5%	50%	-	100%	100%
<b>PHF</b>	-	0.768	0.727	0.792	0.790	-	0.500	0.693	0.856	0.594	0.843	-	-	0.716	0.663	0.914	0.887	-	-	0.700	0.901	0.825	0.891	-	0.918	-
<b>Passenger Vehicles</b>	-	41	95	38	174	-	2	119	1008	19	1148	-	-	81	52	199	332	-	-	14	1483	161	1658	-	3312	-
<b>Passenger Vehicles %</b>	-	95%	99%	100%	98%	-	100%	98%	98%	100%	98%	-	-	98%	98%	99%	99%	-	-	100%	98%	98%	98%	-	98%	-
<b>HC Vehicles</b>	-	2	1	-	3	-	-	3	19	-	22	-	-	2	1	2	5	-	-	-	23	4	27	-	57	-
<b>HC Vehicles %</b>	-	5%	1%	-	2%	-	-	2%	2%	-	2%	-	-	2%	2%	1%	1%	-	-	-	2%	2%	2%	-	2%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at #18 MN7 & 5th Ave																											
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	-	5	9	3	17	-	2	41	171	5	219	-	-	3	11	51	65	-	-	4	169	10	183	-	484	-	
12:15	-	4	7	4	15	-	1	27	177	10	215	-	-	12	13	55	80	-	-	4	198	14	216	-	526	-	
12:30	-	8	8	8	24	-	4	28	160	7	199	-	-	13	7	42	62	-	-	4	206	17	227	-	512	-	
12:45	-	7	6	5	18	-	1	32	191	5	229	-	-	13	10	58	81	-	-	2	209	20	231	-	559	-	
<b>Total</b>	-	24	30	20	74	-	8	128	699	27	862	-	-	41	41	206	288	-	-	14	782	61	857	-	2081	-	
<b>% App</b>	-	32%	41%	27%	100%	-	1%	15%	81%	3%	100%	-	-	14%	14%	72%	100%	-	-	2%	91%	7%	100%	-	-	-	
<b>% Total</b>	-	1%	1%	1%	4%	-	0%	6%	34%	1%	41%	-	-	2%	2%	10%	14%	-	-	1%	38%	3%	41%	-	100%	-	
<b>PHF</b>	-	0.750	0.833	0.625	0.771	-	0.500	0.780	0.915	0.675	0.941	-	-	0.788	0.788	0.888	0.889	-	-	0.875	0.935	0.763	0.927	-	0.931	-	
<b>Passenger Vehicles</b>	-	22	29	20	71	-	8	126	684	26	844	-	-	41	39	204	284	-	-	13	769	60	842	-	2041	-	
<b>Passenger Vehicles %</b>	-	92%	97%	100%	96%	-	100%	98%	98%	96%	98%	-	-	100%	95%	99%	99%	-	-	93%	98%	98%	98%	-	98%	-	
<b>HC Vehicles</b>	-	2	1	-	3	-	-	2	15	1	18	-	-	-	2	2	4	-	-	-	1	13	1	15	-	40	-
<b>HC Vehicles %</b>	-	8%	3%	-	4%	-	-	2%	2%	4%	2%	-	-	-	5%	1%	1%	-	-	-	7%	2%	2%	2%	-	2%	-

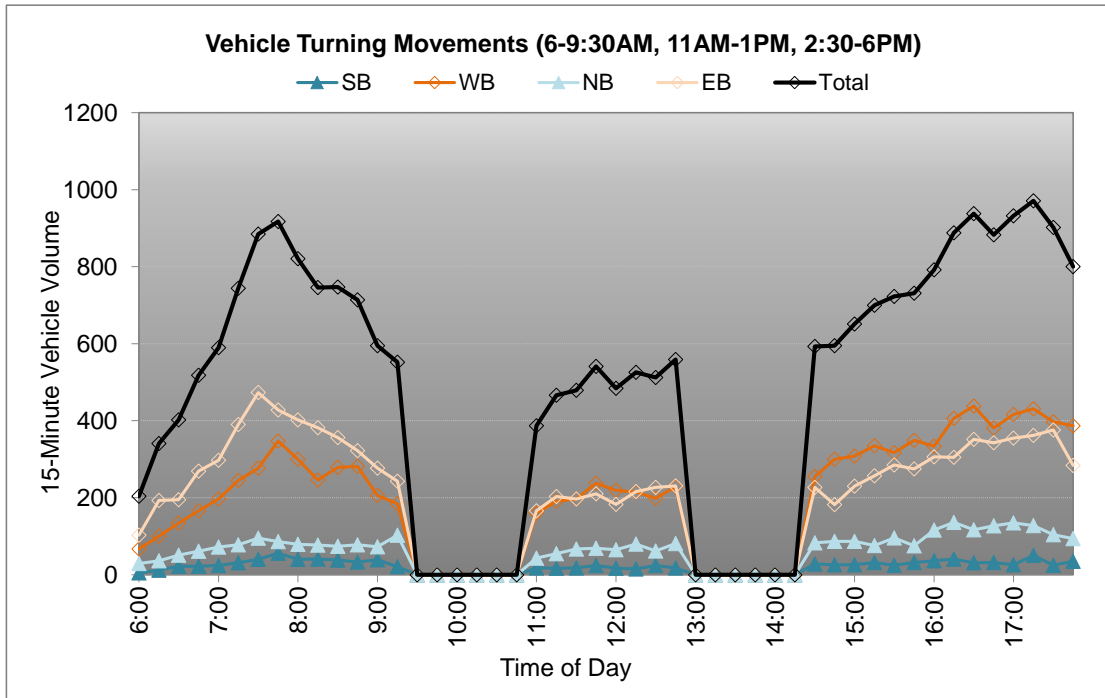
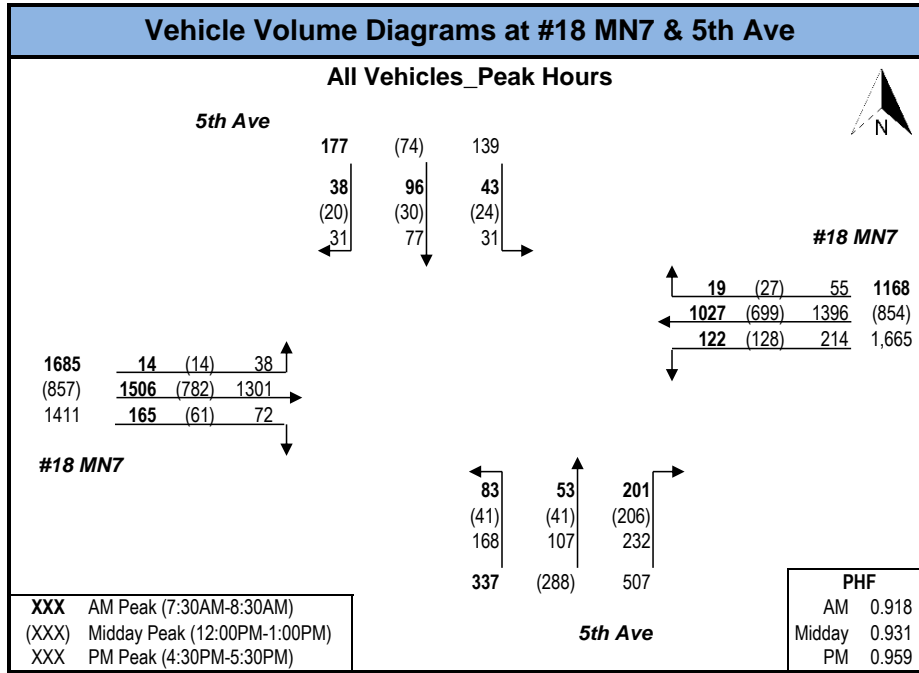
All Vehicles_PM Peak (4:30PM-5:30PM) at #18 MN7 & 5th Ave																											
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total	
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*			
16:30	-	8	13	10	31	-	-	47	379	12	438	-	-	33	23	61	117	-	-	6	333	13	352	-	938	-	
16:45	-	8	17	7	32	-	-	46	329	6	381	-	-	49	24	54	127	-	-	7	314	22	343	-	883	-	
17:00	-	4	18	4	26	-	1	59	333	23	416	-	-	39	27	69	135	-	-	14	320	21	355	-	932	-	
17:15	-	11	29	10	50	-	-	62	355	14	431	2	-	47	33	48	128	-	-	1	11	334	16	362	-	971	2
<b>Total</b>	-	31	77	31	139	-	1	214	1396	55	1666	2	-	168	107	232	507	-	-	1	38	1301	72	1412	-	3724	2
<b>% App</b>	-	22%	55%	22%	100%	-	0%	13%	84%	3%	100%	-	-	33%	21%	46%	100%	-	-	0%	3%	92%	5%	100%	-	-	-
<b>% Total</b>	-	1%	2%	1%	4%	-	0%	6%	37%	1%	45%	100%	-	5%	3%	6%	14%	-	-	0%	1%	35%	2%	38%	-	100%	100%
<b>PHF</b>	-	0.705	0.664	0.775	0.695	-	0.250	0.863	0.921	0.598	0.951	-	-	0.857	0.811	0.841	0.939	-	-	0.250	0.679	0.974	0.818	0.975	-	0.959	-
<b>Passenger Vehicles</b>	-	31	76	31	138	-	1	214	1383	55	1653	-	-	167	106	228	501	-	-	1	38	1290	70	1399	-	3691	-
<b>Passenger Vehicles %</b>	-	100%	99%	100%	99%	-	100%	100%	99%	100%	99%	-	-	99%	99%	98%	99%	-	-	100%	100%	99%	97%	99%	-	99%	-
<b>HC Vehicles</b>	-	-	1	-	1	-	-	-	13	-	13	-	-	1	1	4	6	-	-	-	11	2	13	-	33	-	
<b>HC Vehicles %</b>	-	-	1%	-	1%	-	-	-	1%	-	1%	-	-	1%	1%	2%	1%	-	-	-	1%	3%	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

# Intersection Traffic Counts

**Intersection:** #18 MN7 & 5th Ave  
**Count Date(s):** Wed, Mar 7, 2018  
**Peaks:** 6-9:30AM, 11AM-1PM, 2:30-6PM

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



# Intersection Traffic Counts

**Intersection:** #18 MN7 & 5th Ave  
**Count Date(s):** Wed, Mar 7, 2018  
**Peaks:** 6-9:30AM, 11AM-1PM, 2:30-6PM

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

Passenger Vehicles_Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at #18 MN7 & 5th Ave																				
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	-	1	2	2	-	-	13	49	-	-	-	9	6	13	-	-	2	89	11	-
6:15	-	3	4	5	-	-	16	74	3	-	-	7	6	23	-	-	1	176	14	-
6:30	-	9	7	6	-	1	26	97	2	1	-	9	2	37	-	-	1	172	18	-
6:45	-	6	11	4	-	-	16	140	-	-	-	9	5	46	-	-	3	237	21	-
7:00	-	6	9	8	-	-	28	161	5	-	-	14	9	46	-	-	3	265	22	-
7:15	-	7	16	7	-	-	33	200	2	-	-	15	13	48	-	-	1	364	23	-
7:30	-	14	17	9	-	1	19	251	4	-	-	27	15	51	-	-	5	406	50	-
7:45	-	11	33	12	-	1	44	299	2	1	-	19	19	46	-	-	5	374	44	-
8:00	-	10	20	8	-	-	26	257	5	-	-	22	9	48	-	-	2	370	27	-
8:15	-	6	25	9	-	-	30	201	8	-	-	13	9	54	-	-	2	333	40	-
8:30	-	8	13	12	-	-	32	223	9	-	-	16	9	46	-	-	4	318	24	-
8:45	-	6	17	9	-	-	42	225	3	-	-	21	6	48	-	-	4	286	17	-
9:00	-	10	13	16	-	-	23	169	8	-	-	10	9	53	-	1	3	243	20	1
9:15	-	8	4	7	-	-	27	141	8	-	-	10	12	70	-	1	3	216	16	1
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	10	5	3	-	-	27	123	5	-	-	10	2	30	-	-	4	148	10	-
11:15	-	6	6	4	-	-	14	167	4	-	-	19	7	29	-	1	3	181	11	-
11:30	-	4	11	3	-	2	22	164	4	-	-	14	10	39	-	-	1	179	13	-
11:45	-	5	11	6	-	2	32	192	6	-	-	10	8	50	-	-	11	187	12	2
12:00	-	4	9	3	-	2	40	169	4	-	-	3	10	51	-	-	4	168	10	-
12:15	-	4	7	4	-	1	27	173	10	-	-	12	13	55	-	-	4	198	14	-
12:30	-	7	8	8	-	4	28	154	7	-	-	13	6	41	-	-	3	200	17	-
12:45	-	7	5	5	-	1	31	188	5	-	-	13	10	57	-	-	2	203	19	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	9	11	7	-	1	33	207	11	-	-	16	15	50	-	-	5	211	5	-
14:45	-	6	10	7	-	3	39	240	10	-	-	19	18	49	-	-	4	162	13	1
15:00	-	5	13	7	-	1	33	255	11	-	-	15	10	57	-	-	1	212	11	-
15:15	-	6	15	11	-	2	44	276	8	-	-	17	15	41	-	-	10	232	9	-
15:30	-	7	10	8	-	-	34	260	11	-	-	23	19	50	-	3	4	254	13	-
15:45	-	7	19	3	-	2	37	292	11	-	-	20	16	36	-	2	1	256	12	-
16:00	-	6	18	12	-	-	43	276	8	-	-	28	19	63	-	1	9	272	20	-
16:15	-	3	26	11	-	1	48	340	11	-	-	41	25	67	-	2	8	257	31	1
16:30	-	8	13	10	-	-	47	374	12	-	-	32	22	60	-	-	6	329	13	-
16:45	-	8	17	7	-	-	46	326	6	-	-	49	24	54	-	-	7	311	21	-
17:00	-	4	17	4	-	1	59	332	23	-	-	39	27	67	-	-	14	316	21	-
17:15	-	11	29	10	-	-	62	351	14	2	-	47	33	47	-	1	11	334	15	-
17:30	-	3	12	10	-	1	59	321	14	-	-	32	19	49	-	1	10	343	18	-
17:45	-	8	15	12	-	-	52	320	11	-	-	25	18	50	-	1	7	255	21	-

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

# Intersection Traffic Counts

**Intersection:** #18 MN7 & 5th Ave  
**Count Date(s):** Wed, Mar 7, 2018  
**Peaks:** 6-9:30AM, 11AM-1PM, 2:30-6PM

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

HC Vehicles_ Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at #18 MN7 & 5th Ave																
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	4	-	-	-	-	1	-	-	1	-
6:15	-	-	-	-	-	1	6	-	-	-	-	-	-	-	2	-
6:30	-	-	-	-	-	1	7	-	-	1	-	2	-	-	4	-
6:45	-	-	1	-	-	1	8	1	-	-	-	1	-	-	7	1
7:00	-	-	1	-	-	1	1	1	-	-	1	2	-	-	6	1
7:15	-	1	-	-	-	2	8	-	-	1	-	1	-	-	2	-
7:30	-	-	-	-	-	-	2	-	-	2	-	-	-	-	12	-
7:45	-	-	-	-	-	-	1	-	-	-	1	1	-	-	4	1
8:00	-	2	-	-	-	2	10	-	-	-	-	-	-	-	3	-
8:15	-	-	1	-	-	1	6	-	-	-	-	1	-	-	4	3
8:30	-	-	1	4	-	2	13	-	-	2	-	1	-	1	8	1
8:45	-	-	-	1	-	-	11	-	-	1	-	2	-	1	10	4
9:00	-	-	-	-	-	1	5	-	-	-	-	1	-	-	9	1
9:15	-	-	2	-	-	5	4	-	-	-	1	10	-	-	7	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	-	-	-	1	1	3	-	-	-	-	1	-	-	4	-
11:15	-	-	1	-	-	-	6	-	-	-	-	-	-	-	7	-
11:30	-	-	-	-	-	-	5	-	-	-	-	4	-	-	4	-
11:45	-	1	-	1	-	1	5	-	-	-	1	-	-	-	-	-
12:00	-	1	-	-	-	1	2	1	-	-	1	-	-	-	1	-
12:15	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
12:30	-	1	-	-	-	-	6	-	-	-	1	1	-	1	6	-
12:45	-	-	1	-	-	1	3	-	-	-	-	1	-	-	6	1
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	1	-	-	-	1	2	-	-	1	1	-	-	-	6	-
14:45	-	-	3	-	-	-	8	-	-	1	-	-	-	-	3	-
15:00	-	-	-	1	-	1	7	-	-	3	2	-	-	-	5	1
15:15	-	-	-	-	-	2	3	-	-	-	-	3	-	-	5	1
15:30	-	-	-	-	-	2	9	1	-	-	-	4	-	1	9	1
15:45	-	-	1	2	-	1	5	1	-	1	1	1	-	-	3	1
16:00	-	-	-	-	-	-	7	-	-	1	2	3	-	-	4	-
16:15	-	-	1	-	-	-	6	-	-	1	1	1	-	-	6	1
16:30	-	-	-	-	-	-	5	-	-	1	1	1	-	-	4	-
16:45	-	-	-	-	-	-	3	-	-	-	-	-	-	-	3	1
17:00	-	-	1	-	-	-	1	-	-	-	-	2	-	-	4	-
17:15	-	-	-	-	-	-	4	-	-	-	-	1	-	-	-	1
17:30	-	-	-	-	-	-	2	-	-	-	-	4	-	-	4	-
17:45	-	-	-	-	-	1	3	-	-	-	-	1	-	-	-	-

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