

Intersection Traffic Counts

Intersection: #2 MN7 & Smithtown Rd
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 (6:45AM-7:45AM) at #2 MN7 & Smithtown 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*								
6:45	-	5	5	4	14	1	-	5	49	2	56	-	-	16	8	33	57	-	-	8	165	113	286	-	-	4	184	132	320	-	413	1
7:00	-	7	7	3	17	-	-	5	45	2	52	-	-	30	5	41	76	-	-	4	184	132	320	-	465	-						
7:15	-	1	5	3	9	-	-	6	54	2	62	-	-	22	8	48	78	-	-	4	223	110	337	-	486	-						
7:30	-	7	1	2	10	-	-	4	50	4	58	-	-	23	5	50	78	-	-	2	167	111	280	-	426	-						
Total	-	20	18	12	50	1	-	20	198	10	228	-	-	91	26	172	289	-	-	18	739	466	1223	-	1790	1						
% App	-	40%	36%	24%	100%	-	-	9%	87%	4%	100%	-	-	31%	9%	60%	100%	-	-	1%	60%	38%	100%	-	-	-						
% Total	-	1%	1%	1%	3%	100%	-	1%	11%	1%	13%	-	-	5%	1%	10%	16%	-	-	1%	41%	26%	68%	-	100%	100%						
PHF	-	0.714	0.643	0.750	0.735	-	-	0.833	0.917	0.625	0.919	-	-	0.758	0.813	0.860	0.926	-	-	0.563	0.828	0.883	0.907	-	0.921	-						
Passenger Vehicles	-	18	18	12	48	-	-	19	183	10	212	-	-	82	26	172	280	-	-	17	726	458	1201	-	1741	-						
Passenger Vehicles %	-	90%	100%	100%	96%	-	-	95%	92%	100%	93%	-	-	90%	100%	100%	97%	-	-	94%	98%	98%	98%	-	97%	-						
HC Vehicles	-	2	-	-	2	-	-	1	15	-	16	-	-	9	-	-	9	-	-	1	13	8	22	-	49	-						
HC Vehicles %	-	10%	-	-	4%	-	-	5%	8%	-	7%	-	-	10%	-	-	3%	-	-	6%	2%	2%	2%	-	3%	-						

All Vehicles_Midday Peak (12:00PM-1:00PM) at #2 MN7 & Smithtown 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*			
12:00	-	3	5	3	11	-	-	12	50	5	67	-	-	34	1	10	45	-	-	2	66	34	102	-	225	-	
12:15	-	2	6	2	10	-	-	9	72	5	86	-	-	36	3	5	44	-	-	1	79	37	117	-	257	-	
12:30	-	2	7	3	12	-	-	12	59	1	72	-	-	35	3	13	51	-	-	1	58	45	104	-	239	-	
12:45	-	2	3	3	8	-	-	11	50	1	62	-	-	43	7	5	55	-	-	1	1	50	45	97	-	222	-
Total	-	9	21	11	41	-	-	44	231	12	287	-	-	148	14	33	195	-	-	1	5	253	161	420	-	943	-
% App	-	22%	51%	27%	100%	-	-	15%	80%	4%	100%	-	-	76%	7%	17%	100%	-	-	0%	1%	60%	38%	100%	-	-	-
% Total	-	1%	2%	1%	4%	-	-	5%	24%	1%	30%	-	-	16%	1%	3%	21%	-	-	0%	1%	27%	17%	45%	-	100%	-
PHF	-	0.750	0.750	0.917	0.854	-	-	0.917	0.802	0.600	0.834	-	-	0.860	0.500	0.635	0.886	-	-	0.250	0.625	0.801	0.894	0.897	-	0.917	-
Passenger Vehicles	-	8	19	9	36	-	-	43	215	11	269	-	-	141	14	30	185	-	-	1	5	228	150	384	-	874	-
Passenger Vehicles %	-	89%	90%	82%	88%	-	-	98%	93%	92%	94%	-	-	95%	100%	91%	95%	-	-	100%	100%	90%	93%	91%	-	93%	-
HC Vehicles	-	1	2	2	5	-	-	1	16	1	18	-	-	7	-	3	10	-	-	-	25	11	36	-	69	-	
HC Vehicles %	-	11%	10%	18%	12%	-	-	2%	7%	8%	6%	-	-	5%	-	9%	5%	-	-	-	10%	7%	9%	-	7%	-	

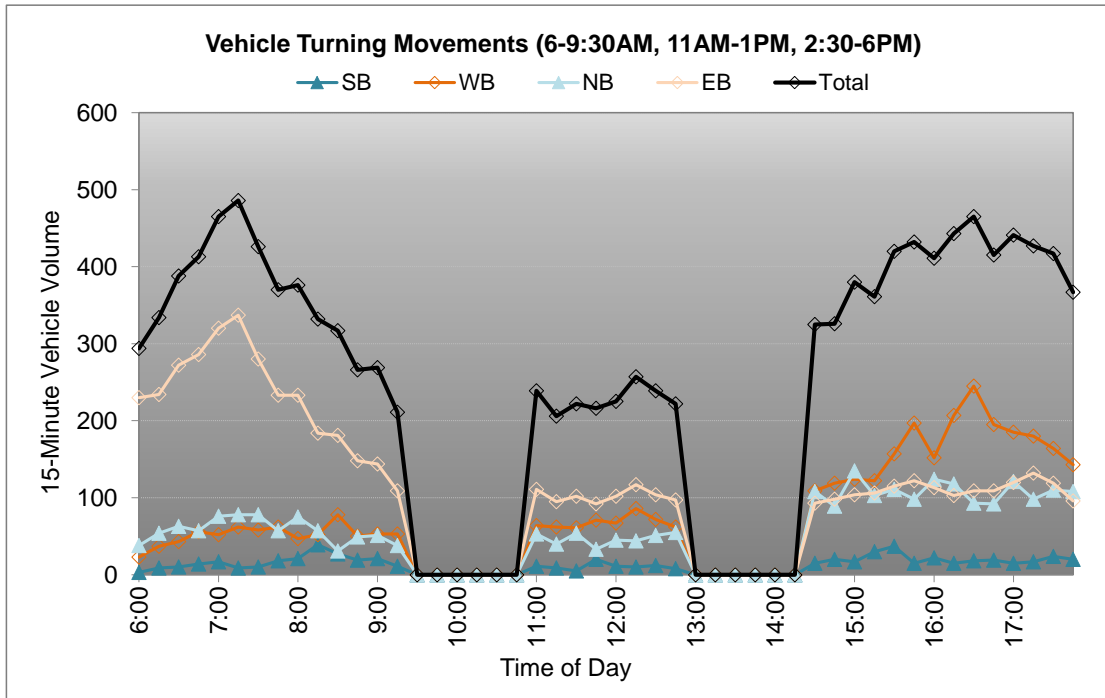
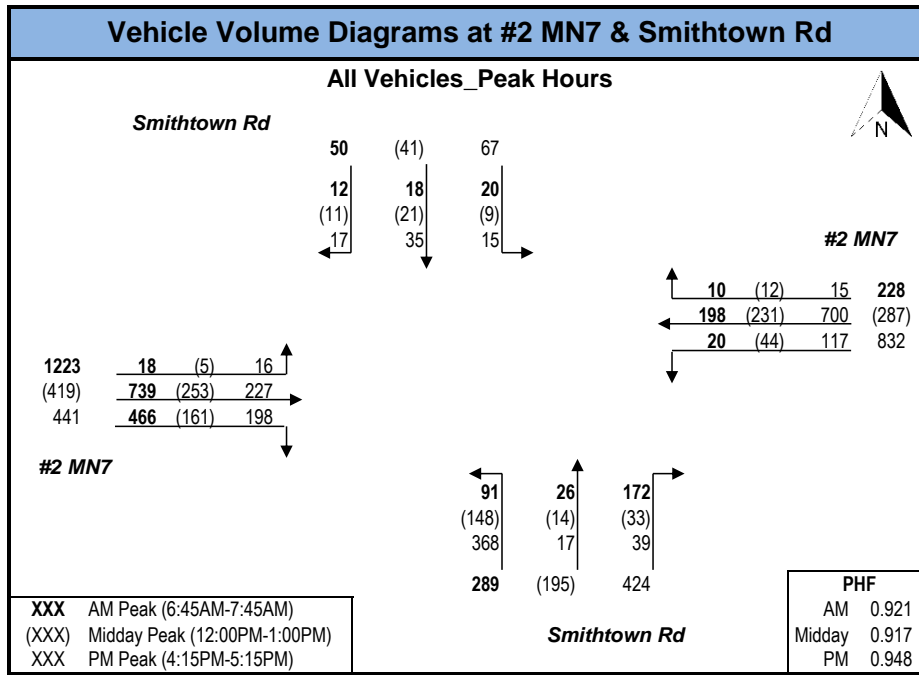
All Vehicles_PM Peak (4:15PM-5:15PM) at #2 MN7 & Smithtown Rd																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:15	-	4	7	4	15	-	-	24	177	6	207	-	-	104	3	11	118	-	-	2	62	39	103	-	443	-
16:30	-	2	10	6	18	-	-	39	203	3	245	-	-	78	2	13	93	-	-	3	51	55	109	-	465	-
16:45	-	2	12	5	19	-	-	24	165	6	195	-	-	80	7	5	92	-	-	5	55	49	109	-	415	-
17:00	-	7	6	2	15	-	-	30	155	-	185	-	-	106	5	10	121	-	-	6	59	55	120	-	441	-
Total	-	15	35	17	67	-	-	117	700	15	832	-	-	368	17	39	424	-	-	16	227	198	441	-	1764	-
% App	-	22%	52%	25%	100%	-	-	14%	84%	2%	100%	-	-	87%	4%	9%	100%	-	-	4%	51%	45%	100%	-	-	-
% Total	-	1%	2%	1%	4%	-	-	7%	40%	1%	47%	-	-	21%	1%	2%	24%	-	-	1%	13%	11%	25%	-	100%	-
PHF	-	0.536	0.729	0.708	0.882	-	-	0.750	0.862	0.625	0.849	-	-	0.868	0.607	0.750	0.876	-	-	0.667	0.915	0.900	0.919	-	0.948	-
Passenger Vehicles	-	14	35	17	66	-	-	115	691	15	821	-	-	365	17	37	419	-	-	15	219	193	427	-	1733	-
Passenger Vehicles %	-	93%	100%	100%	99%	-	-	98%	99%	100%	99%	-	-	99%	100%	95%	99%	-	-	94%	96%	97%	97%	-	98%	-
HC Vehicles	-	1	-	-	1	-	-	2	9	-	11	-	-	3	-	2	5	-	-	1	8	5	14	-	31	-
HC Vehicles %	-	7%	-	-	1%	-	-	2%	1%	-	1%	-	-	1%	-	5%	1%	-	-	6%	4%	3%	3%	-	2%	-

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: #2 MN7 & Smithtown Rd
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 #2 MN7 & Smithtown 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	-	2	-	1	-	-	1	17	-	-	-	25	-	12	-	-	1	122	103	-	
6:15	-	2	4	3	-	-	3	32	-	-	-	24	7	23	-	-	1	119	107	-	
6:30	-	4	5	1	-	-	2	37	2	-	-	26	4	32	-	-	5	143	121	-	
6:45	-	5	5	4	1	-	5	47	2	-	-	15	8	33	-	-	8	157	111	-	
7:00	-	6	7	3	-	-	5	41	2	-	-	27	5	41	-	-	4	183	131	-	
7:15	-	1	5	3	-	-	6	48	2	-	-	20	8	48	-	-	4	221	109	-	
7:30	-	6	1	2	-	-	3	47	4	-	-	20	5	50	-	-	1	165	107	-	
7:45	-	9	5	2	-	-	6	43	8	-	-	21	4	30	-	-	6	135	87	-	
8:00	-	11	5	4	-	-	5	36	3	-	-	19	19	31	-	-	20	123	82	-	
8:15	-	12	12	14	-	-	3	38	5	-	-	30	5	19	-	-	10	83	86	-	
8:30	-	8	15	4	-	-	5	65	4	-	-	17	2	8	-	-	1	88	85	-	
8:45	-	6	10	1	-	-	8	34	4	-	-	26	3	16	-	-	1	67	72	-	
9:00	-	9	7	4	-	-	5	37	6	-	-	30	6	10	-	-	-	86	52	-	
9:15	-	2	5	3	-	-	4	37	5	-	-	19	6	11	-	-	1	57	45	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	3	3	2	-	-	11	43	1	-	-	36	7	10	-	-	1	68	35	-	
11:15	-	3	3	2	-	-	8	46	2	-	-	30	1	6	-	-	1	48	38	-	
11:30	-	2	1	1	-	-	10	42	3	-	-	41	2	9	-	-	1	56	41	-	
11:45	-	11	5	3	-	-	8	50	5	-	-	26	-	6	-	-	2	37	46	-	
12:00	-	2	4	3	-	-	12	47	5	-	-	33	1	9	-	-	2	56	32	-	
12:15	-	2	5	1	-	-	9	68	4	-	-	34	3	4	-	-	1	72	33	-	
12:30	-	2	7	2	-	-	12	56	1	-	-	32	3	13	-	-	1	54	42	-	
12:45	-	2	3	3	-	-	10	44	1	-	-	42	7	4	-	-	1	1	46	43	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	4	7	4	-	-	11	87	4	-	-	85	11	11	-	-	4	45	28	-	
14:45	-	8	5	6	-	-	18	88	9	-	-	72	7	9	-	-	4	47	40	-	
15:00	-	1	7	8	-	-	21	94	6	-	-	107	10	13	-	-	8	49	41	-	
15:15	-	4	13	10	-	-	16	90	7	-	-	85	6	10	-	-	6	53	43	-	
15:30	-	5	13	17	-	-	21	125	6	-	-	98	1	10	-	-	1	58	54	-	
15:45	-	4	7	4	-	-	27	157	11	-	-	89	3	6	-	-	3	59	48	-	
16:00	-	6	12	4	-	-	17	128	3	-	-	106	4	12	-	-	2	61	44	-	
16:15	-	3	7	4	-	-	23	172	6	-	-	103	3	10	-	-	2	58	36	-	
16:30	-	2	10	6	-	-	38	201	3	-	-	78	2	13	-	-	3	49	54	-	
16:45	-	2	12	5	-	-	24	163	6	-	-	80	7	5	-	-	4	54	48	-	
17:00	-	7	6	2	-	-	30	155	-	-	-	104	5	9	-	-	6	58	55	-	
17:15	-	3	10	4	-	-	38	135	3	-	-	76	6	14	-	-	5	60	63	-	
17:30	-	7	15	2	-	-	38	116	10	-	-	96	4	10	-	-	3	62	50	-	
17:45	-	4	12	4	-	-	30	105	6	-	-	89	7	12	-	-	2	58	32	-	

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 #2 MN7 & Smithtown 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	-	-	-	-	-	-	5	-	-	-	1	-	-	-	3	1
6:15	-	-	-	-	-	-	2	-	-	-	-	-	-	-	7	-
6:30	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	3
6:45	-	-	-	-	-	-	2	-	-	1	-	-	-	-	8	2
7:00	-	1	-	-	-	-	4	-	-	3	-	-	-	-	1	1
7:15	-	-	-	-	-	-	6	-	-	2	-	-	-	-	2	1
7:30	-	1	-	-	-	1	3	-	-	3	-	-	-	1	2	4
7:45	-	1	-	1	-	-	5	-	-	1	-	1	-	-	4	1
8:00	-	-	1	-	-	-	2	1	-	4	1	1	-	2	5	1
8:15	-	-	-	1	-	1	4	1	-	1	2	-	-	-	2	3
8:30	-	-	-	-	-	-	4	-	-	3	-	1	-	1	5	1
8:45	-	1	-	1	-	1	3	-	-	3	-	1	-	1	4	3
9:00	-	-	-	1	-	-	5	-	-	4	1	-	-	-	4	2
9:15	-	-	1	-	-	1	6	-	-	2	-	-	-	-	4	2
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	1	1	1	-	-	9	-	-	-	-	-	-	-	3	4
11:15	-	1	-	-	-	-	6	-	-	3	-	-	-	-	6	2
11:30	-	-	-	1	-	-	6	-	-	1	1	-	-	-	3	1
11:45	-	1	-	-	-	-	6	2	-	-	-	1	-	1	4	2
12:00	-	1	1	-	-	-	3	-	-	1	-	1	-	-	10	2
12:15	-	-	1	1	-	-	4	1	-	2	-	1	-	-	7	4
12:30	-	-	-	1	-	-	3	-	-	3	-	-	-	-	4	3
12:45	-	-	-	-	-	1	6	-	-	1	-	1	-	-	4	2
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	6	1	-	1	-	-	-	-	11	5
14:45	-	1	-	-	-	-	4	-	-	1	-	-	-	-	5	2
15:00	-	1	-	-	-	1	2	-	-	4	1	-	-	1	2	3
15:15	-	-	-	3	-	-	8	1	-	1	-	1	-	-	4	-
15:30	-	1	-	1	-	-	5	-	-	1	-	1	-	-	2	-
15:45	-	-	-	-	-	-	2	-	-	-	-	-	-	-	9	3
16:00	-	-	-	-	-	-	4	-	-	1	1	-	-	-	5	1
16:15	-	1	-	-	-	1	5	-	-	1	-	1	-	-	4	3
16:30	-	-	-	-	-	1	2	-	-	-	-	-	-	-	2	1
16:45	-	-	-	-	-	-	2	-	-	-	-	-	-	1	1	1
17:00	-	-	-	-	-	-	-	-	-	2	-	1	-	-	1	-
17:15	-	-	-	-	-	1	2	1	-	1	1	-	-	-	4	-
17:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
17:45	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	2

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