

# Intersection Traffic Counts

Intersection: TH 10 & Sunfish Lake Blvd

Prepared by: Associated Consulting Services LLC

Start Date: Thu, Oct 4, 2018

www.acsteam.com

Duration: 6-9,11-13,15-18:00

(612) 568-3227

All Vehicles (6-9,11-13,15-18:00) at TH 10 & Sunfish Lake Blvd																												
Start Time	Sunfish Lake Blvd						TH 10						Sunfish Lake Blvd						TH 10						15-min Veh Total	15-min Ped* Total		
	North Leg (Southbound)			East Leg (Westbound)			South Leg (Northbound)			West Leg (Eastbound)																		
U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*					
6:00	-	104	-	16	120	-	-	-	153	63	216	-	-	-	3	7	10	-	-	29	565	-	594	-	940	-		
6:15	-	80	2	16	98	-	-	4	215	75	294	-	-	2	3	10	15	-	-	26	575	2	603	1	1010	1		
6:30	-	93	2	21	116	-	2	1	202	99	304	-	-	-	4	15	19	-	-	19	618	-	637	-	1076	-		
6:45	-	82	2	25	109	-	3	7	244	107	361	-	-	1	6	12	19	-	-	35	528	-	563	-	1052	-		
7:00	-	107	7	22	136	-	2	4	229	66	301	-	-	-	15	20	35	-	-	30	554	1	585	-	1057	-		
7:15	-	115	4	14	133	-	4	5	323	88	420	-	-	1	10	18	29	-	-	17	598	-	615	-	1197	-		
7:30	-	93	3	25	121	-	-	5	299	74	378	-	-	-	8	33	41	-	-	26	504	-	530	-	1070	-		
7:45	-	97	3	25	125	-	3	8	340	115	466	-	-	2	1	26	29	-	-	2	555	1	584	-	1204	-		
8:00	-	88	8	17	113	-	4	3	224	60	291	-	-	1	1	18	20	-	-	1	21	491	1	514	-	938	-	
8:15	-	61	3	8	72	-	4	3	260	53	320	-	-	1	1	14	16	-	-	18	447	1	466	-	874	-		
8:30	-	61	2	15	78	-	1	6	281	41	329	-	-	-	5	8	13	-	-	1	14	439	-	454	-	874	-	
8:45	-	66	2	19	87	-	4	4	258	50	316	-	-	1	3	7	11	-	-	10	398	2	410	-	824	-		
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	47	4	20	71	2	6	5	278	45	334	-	-	1	4	9	14	-	-	2	9	286	1	298	-	717	2	
11:15	1	55	-	21	77	1	4	4	272	34	314	-	-	1	1	1	3	-	-	3	5	290	-	298	1	692	2	
11:30	-	69	5	13	87	-	5	2	250	42	299	-	-	2	3	9	14	-	-	16	307	1	324	1	724	1		
11:45	1	51	3	21	76	-	1	11	311	69	392	-	-	4	7	10	21	-	-	2	9	294	2	307	-	796	-	
12:00	-	71	9	21	101	-	5	7	279	51	342	-	-	2	2	6	10	-	-	7	296	2	305	-	758	-		
12:15	-	68	4	19	91	-	4	11	361	89	465	-	-	5	8	2	15	-	-	7	279	1	287	-	858	-		
12:30	1	52	2	15	70	-	12	5	331	70	418	-	-	6	3	7	16	-	-	2	19	298	1	320	-	824	-	
12:45	1	58	2	21	82	-	4	5	312	63	384	-	-	2	5	6	13	-	-	9	313	-	322	-	801	-		
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	78	6	35	119	-	5	15	557	77	654	-	-	5	5	6	16	-	-	1	24	337	2	364	-	1153	-	
15:15	-	95	5	32	132	-	9	12	544	82	647	-	-	1	2	4	7	-	-	22	308	3	333	-	1119	-		
15:30	-	138	13	52	203	-	2	11	587	66	666	-	-	2	2	17	21	-	-	21	405	1	427	-	1317	-		
15:45	2	75	3	46	126	-	3	12	550	73	638	-	-	1	3	6	10	-	-	16	306	1	323	-	1097	-		
16:00	1	103	5	45	154	-	-	8	605	73	686	-	-	2	7	8	17	1	-	2	22	380	4	408	-	1265	1	
16:15	-	96	9	47	152	-	4	6	549	64	623	-	-	-	7	16	23	-	-	14	396	-	410	-	1208	-		
16:30	-	144	10	41	195	-	5	16	582	54	657	-	-	3	7	3	13	-	-	18	429	1	448	-	1313	-		
16:45	-	108	6	31	145	-	3	8	567	62	640	-	-	2	5	8	15	-	-	22	397	1	420	-	1220	-		
17:00	-	86	7	25	118	-	9	10	582	83	684	-	-	5	7	6	18	-	-	1	14	405	3	423	2	1243	2	
17:15	-	104	8	39	151	-	4	9	512	85	610	-	-	-	2	6	8	-	-	3	19	412	-	434	1	1203	1	
17:30	-	72	5	26	103	-	3	9	583	74	669	-	-	2	7	5	14	-	-	2	18	340	-	360	-	1146	-	
17:45	1	88	2	25	116	-	2	12	512	52	578	-	-	3	6	8	17	-	-	5	22	343	1	371	-	1082	-	
<b>Total</b>	<b>8</b>	<b>2705</b>	<b>146</b>	<b>818</b>	<b>3677</b>	<b>3</b>	<b>117</b>	<b>228</b>	<b>12152</b>	<b>2199</b>	<b>14696</b>	<b>-</b>	<b>-</b>	<b>58</b>	<b>153</b>	<b>331</b>	<b>542</b>	<b>1</b>	<b>27</b>	<b>584</b>	<b>13093</b>	<b>33</b>	<b>13737</b>	<b>6</b>	<b>32652</b>	<b>10</b>		
<b>% App</b>	0%	74%	4%	22%	100%	-	1%	2%	83%	15%	100%	-	-	11%	28%	61%	100%	-	-	0%	4%	95%	0%	100%	-	-	-	
<b>% Total</b>	0%	8%	0%	3%	11%	30%	0%	1%	37%	7%	45%	-	-	0%	0%	1%	2%	10%	-	-	0%	2%	40%	0%	42%	60%	100%	100%
<b>Passenger Vehicles</b>	8	2495	140	755	3398	-	111	215	11677	1972	13975	-	-	51	149	319	519	-	-	25	542	12574	32	13173	-	31065	-	
<b>Passenger Vehicles %</b>	100%	92%	96%	92%	92%	-	95%	94%	96%	90%	95%	-	-	88%	97%	96%	96%	-	-	93%	93%	96%	97%	96%	-	95%	-	
<b>HC Vehicles</b>	-	210	6	63	279	-	6	13	475	227	721	-	-	7	4	12	23	-	-	2	42	519	1	564	-	1587	-	
<b>HC Vehicles %</b>	-	8%	4%	8%	8%	-	5%	6%	4%	10%	5%	-	-	12%	3%	4%	4%	-	-	7%	7%	4%	3%	4%	-	5%	-	

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total

Ped\* = pedestrians and bicyclists on crosswalk

% 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

dash (-) in the table indicates zero or not applicable

# Intersection Traffic Counts

Intersection: TH 10 & Sunfish Lake Blvd

Start Date: Thu, Oct 4, 2018

Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC

www.acsteam.com

(612) 568-3227

All Vehicles_AM Peak (7:00AM-8:00AM) at TH 10 & Sunfish Lake Blvd																											
Start Time	Sunfish Lake Blvd North Leg (Southbound)						TH 10 East Leg (Westbound)						Sunfish Lake Blvd South Leg (Northbound)						TH 10 West Leg (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*			
7:00	-	107	7	22	136	-	2	4	229	66	301	-	-	-	15	20	35	-	-	30	554	1	585	-	1057	-	
7:15	-	115	4	14	133	-	4	5	323	88	420	-	-	1	10	18	29	-	-	17	598	-	615	-	1197	-	
7:30	-	93	3	25	121	-	-	5	299	74	378	-	-	-	8	33	41	-	-	26	504	-	530	-	1070	-	
7:45	-	97	3	25	125	-	3	8	340	115	466	-	-	2	1	26	29	-	-	2	26	555	1	584	-	1204	-
<b>Total</b>	-	412	17	86	515	-	9	22	1191	343	1565	-	-	3	34	97	134	-	-	2	99	2211	2	2314	-	4528	-
<b>% App</b>	-	80%	3%	17%	100%	-	1%	1%	76%	22%	100%	-	-	2%	25%	72%	100%	-	-	0%	4%	96%	0%	100%	-	-	-
<b>% Total</b>	-	9%	0%	2%	11%	-	0%	0%	26%	8%	35%	-	-	0%	1%	2%	3%	-	-	0%	2%	49%	0%	51%	-	100%	-
<b>PHF</b>	-	0.896	0.607	0.860	0.947	-	0.563	0.688	0.876	0.746	0.840	-	-	0.375	0.567	0.735	0.817	-	-	0.250	0.825	0.924	0.500	0.941	-	0.940	-
<b>Passenger Vehicles</b>	-	374	17	74	465	-	9	21	1124	320	1474	-	-	2	34	95	131	-	-	2	98	2159	2	2261	-	4331	-
<b>Passenger Vehicles %</b>	-	91%	100%	86%	90%	-	100%	95%	94%	93%	94%	-	-	67%	100%	98%	98%	-	-	100%	99%	98%	100%	98%	-	96%	-
<b>HC Vehicles</b>	-	38	-	12	50	-	-	1	67	23	91	-	-	1	-	2	3	-	-	-	1	52	-	53	-	197	-
<b>HC Vehicles %</b>	-	9%	-	14%	10%	-	-	5%	6%	7%	6%	-	-	33%	-	2%	2%	-	-	-	1%	2%	-	2%	-	4%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at TH 10 & Sunfish Lake Blvd																											
Start Time	Sunfish Lake Blvd North Leg (Southbound)						TH 10 East Leg (Westbound)						Sunfish Lake Blvd South Leg (Northbound)						TH 10 West Leg (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	-	71	9	21	101	-	5	7	279	51	342	-	-	2	2	6	10	-	-	7	296	2	305	-	758	-	
12:15	-	68	4	19	91	-	4	11	361	89	465	-	-	5	8	2	15	-	-	7	279	1	287	-	858	-	
12:30	1	52	2	15	70	-	12	5	331	70	418	-	-	6	3	7	16	-	-	2	19	298	1	320	-	824	-
12:45	1	58	2	21	82	-	4	5	312	63	384	-	-	2	5	6	13	-	-	9	313	-	322	-	801	-	
<b>Total</b>	2	249	17	76	344	-	25	28	1283	273	1609	-	-	15	18	21	54	-	-	2	42	1186	4	1234	-	3241	-
<b>% App</b>	1%	72%	5%	22%	100%	-	2%	2%	80%	17%	100%	-	-	28%	33%	39%	100%	-	-	0%	3%	96%	0%	100%	-	-	-
<b>% Total</b>	0%	8%	1%	2%	11%	-	1%	1%	40%	8%	50%	-	-	0%	1%	1%	2%	-	-	0%	1%	37%	0%	38%	-	100%	-
<b>PHF</b>	0.500	0.877	0.472	0.905	0.851	-	0.521	0.636	0.889	0.767	0.865	-	-	0.625	0.563	0.750	0.844	-	-	0.250	0.553	0.947	0.500	0.958	-	0.944	-
<b>Passenger Vehicles</b>	2	225	16	67	310	-	23	25	1228	239	1515	-	-	12	18	20	50	-	-	1	40	1116	4	1161	-	3036	-
<b>Passenger Vehicles %</b>	100%	90%	94%	88%	90%	-	92%	89%	96%	88%	94%	-	-	80%	100%	95%	93%	-	-	50%	95%	94%	100%	94%	-	94%	-
<b>HC Vehicles</b>	-	24	1	9	34	-	2	3	55	34	94	-	-	3	-	1	4	-	-	1	2	70	-	73	-	205	-
<b>HC Vehicles %</b>	-	10%	6%	12%	10%	-	8%	11%	4%	12%	6%	-	-	20%	-	5%	7%	-	-	50%	5%	6%	-	6%	-	6%	-

All Vehicles_PM Peak (4:00PM-5:00PM) at TH 10 & Sunfish Lake Blvd																												
Start Time	Sunfish Lake Blvd North Leg (Southbound)						TH 10 East Leg (Westbound)						Sunfish Lake Blvd South Leg (Northbound)						TH 10 West Leg (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*				
16:00	1	103	5	45	154	-	-	8	605	73	686	-	-	2	7	8	17	1	-	2	22	380	4	408	-	1265	1	
16:15	-	96	9	47	152	-	4	6	549	64	623	-	-	-	7	16	23	-	-	14	396	-	410	-	1208	-		
16:30	-	144	10	41	195	-	5	16	582	54	657	-	-	3	7	3	13	-	-	18	429	1	448	-	1313	-		
16:45	-	108	6	31	145	-	3	8	567	62	640	-	-	2	5	8	15	-	-	22	397	1	420	-	1220	-		
<b>Total</b>	1	451	30	164	646	-	12	38	2303	253	2606	-	-	7	26	35	68	1	-	2	76	1602	6	1686	-	5006	1	
<b>% App</b>	0%	70%	5%	25%	100%	-	0%	1%	88%	10%	100%	-	-	10%	38%	51%	100%	-	-	0%	5%	95%	0%	100%	-	-	-	
<b>% Total</b>	0%	9%	1%	3%	13%	-	0%	1%	46%	5%	52%	-	-	0%	1%	1%	1%	100%	-	-	0%	2%	32%	0%	34%	-	100%	100%
<b>PHF</b>	0.250	0.783	0.750	0.872	0.828	-	0.600	0.594	0.952	0.866	0.950	-	-	0.583	0.929	0.547	0.739	-	-	0.250	0.864	0.934	0.375	0.941	-	0.953	-	
<b>Passenger Vehicles</b>	1	445	28	159	633	-	11	37	2254	227	2529	-	-	7	24	33	64	-	-	2	66	1537	5	1610	-	4836	-	
<b>Passenger Vehicles %</b>	100%	99%	93%	97%	98%	-	92%	97%	98%	90%	97%	-	-	100%	92%	94%	94%	-	-	100%	87%	96%	83%	95%	-	97%	-	
<b>HC Vehicles</b>	-	6	2	5	13	-	1	1	49	26	77	-	-	-	2	2	4	-	-	-	10	65	1	76	-	170	-	
<b>HC Vehicles %</b>	-	1%	7%	3%	2%	-	8%	3%	2%	10%	3%	-	-	-	8%	6%	6%	-	-	-	13%	4%	17%	5%	-	3%	-	

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

# Intersection Traffic Counts

**Intersection:** TH 10 & Sunfish Lake Blvd  
**Start Date:** Thu, Oct 4, 2018  
**Duration:** 6-9,11-13,15-18:00

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

