

Intersection Traffic Counts

Intersection: TH 10 & CSAH 56
 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 (6-9,11-13,15-18:00) at TH 10 & CSAH 56																																
Start Time	CSAH 56						TH 10						CSAH 56						TH 10						15-min Veh Total	15-min Ped* Total						
	North Leg (Southbound)			East Leg (Westbound)			South Leg (Northbound)			West Leg (Eastbound)			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*	U	L	T	R	App	Ped*		
6:00	-	74	5	2	81	-	5	2	154	26	187	-	-	1	7	24	32	-	-	5	487	14	506	-	806	-						
6:15	-	64	1	4	69	-	-	4	208	36	248	1	-	1	3	25	29	1	-	11	518	26	555	-	901	2						
6:30	-	70	5	10	85	-	1	1	195	26	223	-	-	8	5	25	38	-	1	13	515	22	551	-	897	-						
6:45	-	58	5	12	75	-	1	5	225	48	279	-	-	4	7	19	30	-	1	17	434	19	471	-	855	-						
7:00	-	88	6	7	101	-	1	6	219	31	257	-	-	8	9	22	39	-	3	10	465	21	499	-	896	-						
7:15	2	82	2	9	95	-	2	4	280	64	350	-	-	4	9	11	24	-	2	16	573	14	605	-	1074	-						
7:30	1	94	11	7	113	1	-	4	255	63	322	1	-	3	12	13	28	-	-	32	503	35	570	-	1033	2						
7:45	-	53	10	24	87	-	1	9	281	60	351	-	-	6	3	22	31	-	1	26	432	37	496	-	965	-						
8:00	-	72	4	8	84	-	3	2	201	44	250	-	-	9	7	15	31	-	5	13	361	13	392	-	757	-						
8:15	-	69	5	10	84	-	1	5	217	47	270	-	-	2	4	26	32	-	2	6	338	17	363	-	749	-						
8:30	-	83	10	4	97	-	3	5	209	53	270	-	-	5	5	25	35	-	2	4	339	18	363	-	765	-						
8:45	-	65	6	10	81	-	3	9	229	39	280	-	-	7	4	17	28	-	6	7	336	12	361	-	750	-						
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
11:00	3	58	5	4	70	-	6	7	228	52	293	-	-	2	5	14	21	-	1	2	216	13	232	-	616	-						
11:15	-	48	4	5	57	-	5	7	235	39	286	1	-	7	2	13	22	-	2	4	226	7	239	-	604	1						
11:30	3	64	9	6	82	-	3	8	211	33	255	-	-	7	6	13	26	-	4	4	242	11	261	-	624	-						
11:45	1	36	7	11	55	-	11	10	270	38	329	-	-	6	4	19	29	-	1	10	224	8	243	-	656	-						
12:00	5	54	10	13	82	-	3	7	236	57	303	-	-	10	14	13	37	-	10	7	246	12	275	-	697	-						
12:15	6	52	7	6	71	-	8	10	285	72	375	-	-	12	9	19	40	-	5	6	229	7	247	-	733	-						
12:30	1	63	7	6	77	-	7	10	238	60	315	-	-	5	7	15	27	-	2	6	226	10	244	-	663	-						
12:45	2	44	6	7	59	-	1	3	266	53	323	-	-	8	4	14	26	-	1	4	250	11	266	-	674	-						
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
15:00	-	59	7	17	83	-	1	17	477	88	583	-	-	10	6	16	32	-	2	7	285	6	300	-	998	-						
15:15	2	56	7	18	83	1	3	9	468	71	551	1	-	9	8	15	32	-	3	10	283	10	306	-	972	2						
15:30	1	76	7	20	104	-	2	13	540	66	621	-	-	11	6	12	29	-	1	11	310	13	335	-	1089	-						
15:45	3	62	5	14	84	-	4	14	484	82	584	1	-	13	3	20	36	-	1	12	277	19	309	-	1013	1						
16:00	3	48	6	18	75	1	3	10	535	92	640	1	-	14	4	23	41	-	2	12	300	9	323	-	1079	2						
16:15	3	69	5	16	93	-	2	7	485	86	580	-	-	10	4	11	25	-	1	11	323	10	345	-	1043	-						
16:30	-	55	6	33	94	-	1	5	524	79	609	-	-	8	3	13	24	-	-	8	347	13	368	-	1095	-						
16:45	3	63	7	26	99	-	1	6	503	72	582	-	-	12	7	18	37	-	1	8	347	16	372	-	1090	-						
17:00	-	67	9	20	96	-	9	11	498	83	601	-	-	15	4	10	29	-	1	9	337	9	356	-	1082	-						
17:15	3	83	6	12	104	-	3	11	444	89	547	-	-	8	3	17	28	-	1	15	297	16	329	-	1008	-						
17:30	-	50	9	13	72	-	3	9	478	92	582	-	-	9	6	11	26	-	1	4	292	15	312	-	992	-						
17:45	2	66	5	10	83	-	11	3	410	97	521	1	-	10	6	7	23	1	4	8	282	6	300	-	927	2						
Total	44	2045	204	382	2675	3	108	233	10488	1938	12767	7	-	244	186	537	967	2	67	318	10840	469	11694	-	28103	12						
% App	2%	76%	8%	14%	100%	-	1%	2%	82%	15%	100%	-	-	25%	19%	56%	100%	-	1%	3%	93%	4%	100%	-	-	-						
% Total	0%	7%	1%	1%	10%	25%	0%	1%	37%	7%	45%	58%	-	1%	1%	2%	3%	17%	0%	1%	39%	2%	42%	-	100%	100%						
Passenger Vehicles	44	1997	199	363	2603	-	100	221	10017	1883	12221	-	-	240	182	511	933	-	62	293	10370	451	11176	-	26933	-						
Passenger Vehicles %	100%	98%	98%	95%	97%	-	93%	95%	96%	97%	96%	-	-	98%	98%	95%	96%	-	93%	92%	96%	96%	96%	-	96%	-						
HC Vehicles	-	48	5	19	72	-	8	12	471	55	546	-	-	4	4	26	34	-	5	25	470	18	518	-	1170	-						
HC Vehicles %	-	2%	2%	5%	3%	-	7%	5%	4%	3%	4%	-	-	2%	2%	5%	4%	-	7%	8%	4%	4%	4%	-	4%	-						

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 & CSAH 56

Start Date: Thu, Oct 4, 2018

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

Prepared by: Associated Consulting Services LLC

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All Vehicles_AM Peak (7:00AM-8:00AM) at TH 10 & CSAH 56																										
Start Time	CSAH 56 North Leg (Southbound)						TH 10 East Leg (Westbound)						CSAH 56 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	-	88	6	7	101	-	1	6	219	31	257	-	-	8	9	22	39	-	3	10	465	21	499	-	896	-
7:15	2	82	2	9	95	-	2	4	280	64	350	-	-	4	9	11	24	-	2	16	573	14	605	-	1074	-
7:30	1	94	11	7	113	1	-	4	255	63	322	1	-	3	12	13	28	-	-	32	503	35	570	-	1033	2
7:45	-	53	10	24	87	-	1	9	281	60	351	-	-	6	3	22	31	-	1	26	432	37	496	-	965	-
Total	3	317	29	47	396	1	4	23	1035	218	1280	1	-	21	33	68	122	-	6	84	1973	107	2170	-	3968	2
% App	1%	80%	7%	12%	100%	-	0%	2%	81%	17%	100%	-	-	17%	27%	56%	100%	-	0%	4%	91%	5%	100%	-	-	-
% Total	0%	8%	1%	1%	10%	50%	0%	1%	26%	5%	32%	50%	-	1%	1%	2%	3%	-	0%	2%	50%	3%	55%	-	100%	100%
PHF	0.375	0.843	0.659	0.490	0.876	-	0.500	0.639	0.921	0.852	0.912	-	-	0.656	0.688	0.773	0.782	-	0.500	0.656	0.861	0.723	0.897	-	0.924	-
Passenger Vehicles	3	310	28	45	386	-	4	23	965	209	1201	-	-	21	33	67	121	-	6	82	1933	105	2126	-	3834	-
Passenger Vehicles %	100%	98%	97%	96%	97%	-	100%	100%	93%	96%	94%	-	-	100%	100%	99%	99%	-	100%	98%	98%	98%	98%	-	97%	-
HC Vehicles	-	7	1	2	10	-	-	-	70	9	79	-	-	-	-	1	1	-	-	2	40	2	44	-	134	-
HC Vehicles %	-	2%	3%	4%	3%	-	-	-	7%	4%	6%	-	-	-	-	1%	1%	-	-	2%	2%	2%	2%	-	3%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at TH 10 & CSAH 56																										
Start Time	CSAH 56 North Leg (Southbound)						TH 10 East Leg (Westbound)						CSAH 56 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	5	54	10	13	82	-	3	7	236	57	303	-	-	10	14	13	37	-	10	7	246	12	275	-	697	-
12:15	6	52	7	6	71	-	8	10	285	72	375	-	-	12	9	19	40	-	5	6	229	7	247	-	733	-
12:30	1	63	7	6	77	-	7	10	238	60	315	-	-	5	7	15	27	-	2	6	226	10	244	-	663	-
12:45	2	44	6	7	59	-	1	3	266	53	323	-	-	8	4	14	26	-	1	4	250	11	266	-	674	-
Total	14	213	30	32	289	-	19	30	1025	242	1316	-	-	35	34	61	130	-	18	23	951	40	1032	-	2767	-
% App	5%	74%	10%	11%	100%	-	1%	2%	78%	18%	100%	-	-	27%	26%	47%	100%	-	2%	2%	92%	4%	100%	-	-	-
% Total	1%	8%	1%	1%	10%	-	1%	1%	37%	9%	48%	-	-	1%	1%	2%	5%	-	1%	1%	34%	1%	37%	-	100%	-
PHF	0.583	0.845	0.750	0.615	0.881	-	0.594	0.750	0.899	0.840	0.877	-	-	0.729	0.607	0.803	0.813	-	0.450	0.821	0.951	0.833	0.938	-	0.944	-
Passenger Vehicles	14	208	30	30	282	-	19	30	973	231	1253	-	-	34	34	54	122	-	18	20	894	38	970	-	2627	-
Passenger Vehicles %	100%	98%	100%	94%	98%	-	100%	100%	95%	95%	95%	-	-	97%	100%	89%	94%	-	100%	87%	94%	95%	94%	-	95%	-
HC Vehicles	-	5	-	2	7	-	-	-	52	11	63	-	-	1	-	7	8	-	-	3	57	2	62	-	140	-
HC Vehicles %	-	2%	-	6%	2%	-	-	-	5%	5%	5%	-	-	3%	-	11%	6%	-	-	13%	6%	5%	6%	-	5%	-

All Vehicles_PM Peak (4:15PM-5:15PM) at TH 10 & CSAH 56																										
Start Time	CSAH 56 North Leg (Southbound)						TH 10 East Leg (Westbound)						CSAH 56 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*		
16:15	3	69	5	16	93	-	2	7	485	86	580	-	-	10	4	11	25	-	1	11	323	10	345	-	1043	-
16:30	-	55	6	33	94	-	1	5	524	79	609	-	-	8	3	13	24	-	-	8	347	13	368	-	1095	-
16:45	3	63	7	26	99	-	1	6	503	72	582	-	-	12	7	18	37	-	1	8	347	16	372	-	1090	-
17:00	-	67	9	20	96	-	9	11	498	83	601	-	-	15	4	10	29	-	1	9	337	9	356	-	1082	-
Total	6	254	27	95	382	-	13	29	2010	320	2372	-	-	45	18	52	115	-	3	36	1354	48	1441	-	4310	-
% App	2%	66%	7%	25%	100%	-	1%	1%	85%	13%	100%	-	-	39%	16%	45%	100%	-	0%	2%	94%	3%	100%	-	-	-
% Total	0%	6%	1%	2%	9%	-	0%	1%	47%	7%	55%	-	-	1%	0%	1%	3%	-	0%	1%	31%	1%	33%	-	100%	-
PHF	0.500	0.920	0.750	0.720	0.965	-	0.361	0.659	0.959	0.930	0.974	-	-	0.750	0.643	0.722	0.777	-	0.750	0.818	0.976	0.750	0.968	-	0.984	-
Passenger Vehicles	6	248	26	90	370	-	13	27	1962	316	2318	-	-	44	18	51	113	-	3	30	1301	48	1382	-	4183	-
Passenger Vehicles %	100%	98%	96%	95%	97%	-	100%	93%	98%	99%	98%	-	-	98%	100%	98%	98%	-	100%	83%	96%	100%	96%	-	97%	-
HC Vehicles	-	6	1	5	12	-	-	2	48	4	54	-	-	1	-	1	2	-	-	6	53	-	59	-	127	-
HC Vehicles %	-	2%	4%	5%	3%	-	-	7%	2%	1%	2%	-	-	2%	-	2%	2%	-	-	17%	4%	-	4%	-	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 & CSAH 56
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

