

Intersection Traffic Counts

Intersection: CSAH 6 & TH-12 N Ramp

Start Date: Thu, Sep 13, 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 CSAH 6 & TH-12 N Ramp																											
Start Time	CSAH 6 North Leg (Southbound)						Wayzata Blvd East Leg (Westbound)						CSAH 6 South Leg (Northbound)						TH-12 N Ramp 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*			
6:00	-	-	9	4	13	-	-	2	3	-	5	-	-	-	26	22	48	-	-	-	16	16	-	82	-		
6:15	-	-	7	3	10	-	-	5	5	-	10	-	-	1	48	35	84	-	-	3	1	26	30	-	134	-	
6:30	-	-	10	4	14	-	-	9	4	-	13	-	-	1	69	59	129	-	-	4	2	34	40	-	196	-	
6:45	-	-	17	6	23	-	-	11	8	1	20	-	-	2	108	59	169	-	-	5	2	62	69	-	281	-	
7:00	-	-	17	3	20	-	-	9	7	-	16	-	-	2	102	100	204	-	1	1	4	34	40	-	280	-	
7:15	-	-	17	4	21	-	-	6	21	1	28	-	-	3	159	118	280	-	-	7	2	40	49	-	378	-	
7:30	-	-	12	13	25	-	1	20	25	1	47	-	-	1	162	146	309	-	-	5	6	24	35	-	416	-	
7:45	-	1	24	13	38	-	-	18	29	1	48	-	-	6	118	105	229	-	-	2	8	32	42	-	357	-	
8:00	-	2	16	7	25	-	-	14	11	-	25	-	-	1	101	59	161	-	-	1	5	26	32	-	243	-	
8:15	-	-	17	5	22	-	-	4	20	3	27	-	-	3	76	61	140	-	-	1	2	35	38	-	227	-	
8:30	-	-	16	6	22	-	-	7	25	1	33	-	-	2	67	49	118	-	-	-	3	32	35	-	208	-	
8:45	-	-	17	13	30	-	-	8	22	1	31	-	-	3	80	69	152	-	-	3	8	27	38	-	251	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	1	9	9	19	-	-	18	21	-	39	-	-	6	20	33	59	-	-	2	4	45	51	-	168	-	
11:15	-	1	17	8	26	-	-	17	22	3	42	-	-	2	17	28	47	-	-	2	2	49	53	-	168	-	
11:30	-	-	19	9	28	-	-	26	27	1	54	-	-	7	22	36	65	-	-	2	1	53	56	-	203	-	
11:45	-	1	16	7	24	-	-	19	11	-	30	-	-	1	18	39	58	-	-	2	4	45	51	-	163	-	
12:00	-	1	19	9	29	-	-	18	14	-	32	-	-	1	19	37	57	-	-	3	2	45	50	-	168	-	
12:15	-	1	16	3	20	-	-	13	24	1	38	-	-	3	23	28	54	-	1	3	2	53	59	-	171	-	
12:30	-	-	17	7	24	-	-	17	29	-	46	-	-	4	16	28	48	-	-	2	6	57	65	-	183	-	
12:45	-	-	13	7	20	-	-	11	26	1	38	-	-	2	26	35	63	-	-	1	3	54	58	-	179	-	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	-	41	17	58	-	-	22	31	1	54	-	1	6	29	37	73	-	-	2	2	69	73	-	258	-	
15:15	-	1	45	14	60	-	-	37	38	-	75	-	-	6	35	35	76	-	-	1	1	61	63	-	274	-	
15:30	-	-	61	34	95	-	-	56	70	2	128	-	-	7	35	37	79	-	-	1	1	61	63	-	365	-	
15:45	-	-	59	24	83	-	-	61	83	4	148	-	-	6	33	32	71	-	-	-	2	76	78	-	380	-	
16:00	-	-	41	21	62	-	-	61	63	3	127	-	-	4	36	40	80	-	1	1	2	104	108	-	377	-	
16:15	-	3	59	29	91	-	-	36	62	1	99	-	-	1	31	32	64	-	-	2	-	109	111	-	365	-	
16:30	1	1	64	29	95	-	-	52	50	1	103	-	-	2	29	34	65	-	-	1	-	108	109	-	372	-	
16:45	-	-	69	29	98	-	-	57	44	-	101	-	-	2	36	38	76	-	-	3	5	129	137	-	412	-	
17:00	-	2	75	15	92	-	-	38	48	2	88	-	-	8	48	40	96	-	-	2	2	102	106	-	382	-	
17:15	-	2	82	34	118	-	1	49	48	2	100	-	-	6	44	70	120	-	-	4	3	126	133	-	471	-	
17:30	-	-	60	34	94	-	-	51	34	1	86	-	-	6	39	58	103	-	-	1	2	97	100	-	383	-	
17:45	-	3	63	21	87	-	-	42	49	1	92	-	-	4	33	52	89	-	-	2	1	118	121	-	389	-	
Total	1	20	1024	441	1486	-	2	814	974	33	1823	-	1	109	1705	1651	3466	-	3	69	88	1949	2109	-	8884	-	
% App	0%	1%	69%	30%	100%	-	0%	45%	53%	2%	100%	-	0%	3%	49%	48%	100%	-	0%	3%	4%	92%	100%	-	-	-	
% Total	0%	0%	12%	5%	17%	-	0%	9%	11%	0%	21%	-	0%	1%	19%	19%	39%	-	0%	1%	1%	22%	24%	-	100%	-	
Passenger Vehicles	1	19	991	423	1434	-	2	773	878	29	1682	-	1	100	1632	1552	3285	-	2	67	78	1863	2010	-	8411	-	
Passenger Vehicles %	100%	95%	97%	96%	97%	-	100%	95%	90%	88%	92%	-	100%	92%	96%	94%	95%	-	67%	97%	89%	96%	95%	-	95%	-	
HC Vehicles	-	1	33	18	52	-	-	41	96	4	141	-	-	9	73	99	181	-	1	2	10	86	99	-	473	-	
HC Vehicles %	-	5%	3%	4%	3%	-	-	5%	10%	12%	8%	-	-	8%	4%	6%	5%	-	33%	3%	11%	4%	5%	-	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: CSAH 6 & TH-12 N Ramp

Start Date: Thu, Sep 13, 2018

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

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All Vehicles_AM Peak (7:00AM-8:00AM) at CSAH 6 & TH-12 N Ramp																										
Start Time	CSAH 6 North Leg (Southbound)						Wayzata Blvd East Leg (Westbound)						CSAH 6 South Leg (Northbound)						TH-12 N Ramp 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	-	-	17	3	20	-	-	9	7	-	16	-	-	2	102	100	204	-	1	1	4			34	40
7:15	-	-	17	4	21	-	-	6	21	1	28	-	-	3	159	118	280	-	-	7	2	40	49	-	378	-
7:30	-	-	12	13	25	-	1	20	25	1	47	-	-	1	162	146	309	-	-	5	6	24	35	-	416	-
7:45	-	1	24	13	38	-	-	18	29	1	48	-	-	6	118	105	229	-	-	2	8	32	42	-	357	-
Total	-	1	70	33	104	-	1	53	82	3	139	-	-	12	541	469	1022	-	1	15	20	130	166	-	1431	-
% App	-	1%	67%	32%	100%	-	1%	38%	59%	2%	100%	-	-	1%	53%	46%	100%	-	1%	9%	12%	78%	100%	-	-	-
% Total	-	0%	5%	2%	7%	-	0%	4%	6%	0%	10%	-	-	1%	38%	33%	71%	-	0%	1%	1%	9%	12%	-	100%	-
PHF	-	0.250	0.729	0.635	0.684	-	0.250	0.663	0.707	0.750	0.724	-	-	0.500	0.835	0.803	0.827	-	0.250	0.536	0.625	0.813	0.847	-	0.860	-
Passenger Vehicles	-	1	64	30	95	-	1	52	53	3	109	-	-	12	522	459	993	-	1	15	12	126	154	-	1351	-
Passenger Vehicles %	-	100%	91%	91%	91%	-	100%	98%	65%	100%	78%	-	-	100%	96%	98%	97%	-	100%	100%	60%	97%	93%	-	94%	-
HC Vehicles	-	-	6	3	9	-	-	1	29	-	30	-	-	-	19	10	29	-	-	-	8	4	12	-	80	-
HC Vehicles %	-	-	9%	9%	9%	-	-	2%	35%	-	22%	-	-	-	4%	2%	3%	-	-	-	40%	3%	7%	-	6%	-

All Vehicles_Midday Peak (11:30AM-12:30PM) at CSAH 6 & TH-12 N Ramp																										
Start Time	CSAH 6 North Leg (Southbound)						Wayzata Blvd East Leg (Westbound)						CSAH 6 South Leg (Northbound)						TH-12 N Ramp 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*
	11:30	-	-	19	9	28	-	-	26	27	1	54	-	-	7	22	36	65	-	-	2	1			53	56
11:45	-	1	16	7	24	-	-	19	11	-	30	-	-	1	18	39	58	-	-	2	4	45	51	-	163	-
12:00	-	1	19	9	29	-	-	18	14	-	32	-	-	1	19	37	57	-	-	3	2	45	50	-	168	-
12:15	-	1	16	3	20	-	-	13	24	1	38	-	-	3	23	28	54	-	1	3	2	53	59	-	171	-
Total	-	3	70	28	101	-	-	76	76	2	154	-	-	12	82	140	234	-	1	10	9	196	216	-	705	-
% App	-	3%	69%	28%	100%	-	-	49%	49%	1%	100%	-	-	5%	35%	60%	100%	-	0%	5%	4%	91%	100%	-	-	-
% Total	-	0%	10%	4%	14%	-	-	11%	11%	0%	22%	-	-	2%	12%	20%	33%	-	0%	1%	1%	28%	31%	-	100%	-
PHF	-	0.750	0.921	0.778	0.871	-	-	0.731	0.704	0.500	0.713	-	-	0.429	0.891	0.897	0.900	-	0.250	0.833	0.563	0.925	0.915	-	0.868	-
Passenger Vehicles	-	3	65	25	93	-	-	70	66	2	138	-	-	9	77	129	215	-	-	9	9	179	197	-	643	-
Passenger Vehicles %	-	100%	93%	89%	92%	-	-	92%	87%	100%	90%	-	-	75%	94%	92%	92%	-	-	90%	100%	91%	91%	-	91%	-
HC Vehicles	-	-	5	3	8	-	-	6	10	-	16	-	-	3	5	11	19	-	1	1	-	17	19	-	62	-
HC Vehicles %	-	-	7%	11%	8%	-	-	8%	13%	-	10%	-	-	25%	6%	8%	8%	-	100%	10%	-	9%	9%	-	9%	-

All Vehicles_PM Peak (4:45PM-5:45PM) at CSAH 6 & TH-12 N Ramp																										
Start Time	CSAH 6 North Leg (Southbound)						Wayzata Blvd East Leg (Westbound)						CSAH 6 South Leg (Northbound)						TH-12 N Ramp 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*
	16:45	-	-	69	29	98	-	-	57	44	-	101	-	-	2	36	38	76	-	-	3	5			129	137
17:00	-	2	75	15	92	-	-	38	48	2	88	-	-	8	48	40	96	-	-	2	2	102	106	-	382	-
17:15	-	2	82	34	118	-	1	49	48	2	100	-	-	6	44	70	120	-	-	4	3	126	133	-	471	-
17:30	-	-	60	34	94	-	-	51	34	1	86	-	-	6	39	58	103	-	-	1	2	97	100	-	383	-
Total	-	4	286	112	402	-	1	195	174	5	375	-	-	22	167	206	395	-	-	10	12	454	476	-	1648	-
% App	-	1%	71%	28%	100%	-	0%	52%	46%	1%	100%	-	-	6%	42%	52%	100%	-	-	2%	3%	95%	100%	-	-	-
% Total	-	0%	17%	7%	24%	-	0%	12%	11%	0%	23%	-	-	1%	10%	13%	24%	-	-	1%	1%	28%	29%	-	100%	-
PHF	-	0.500	0.872	0.824	0.852	-	0.250	0.855	0.906	0.625	0.928	-	-	0.688	0.870	0.736	0.823	-	-	0.625	0.600	0.880	0.869	-	0.875	-
Passenger Vehicles	-	4	283	110	397	-	1	191	169	5	366	-	-	22	167	203	392	-	-	10	12	448	470	-	1625	-
Passenger Vehicles %	-	100%	99%	98%	99%	-	100%	98%	97%	100%	98%	-	-	100%	100%	99%	99%	-	-	100%	100%	99%	99%	-	99%	-
HC Vehicles	-	-	3	2	5	-	-	4	5	-	9	-	-	-	-	3	3	-	-	-	-	6	6	-	23	-
HC Vehicles %	-	-	1%	2%	1%	-	-	2%	3%	-	2%	-	-	-	-	1%	1%	-	-	-	-	1%	1%	-	1%	-

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Intersection Traffic Counts

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