

Intersection Traffic Counts

Intersection: TH-12 & Halgren Rd

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 TH-12 & Halgren Rd																										
Start Time	Halgren Rd North Leg (Southbound)						TH-12 East Leg (Westbound)						Halgren Rd South Leg (Northbound)						TH-12 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	-	1	-	-	1	-	-	-	29	2	31	-	-	5	-	18	23	-	-	3	247	1	251	-	306	-
6:15	-	-	1	1	2	-	-	2	58	5	65	-	-	6	1	23	30	-	-	3	273	2	278	-	375	-
6:30	-	1	1	-	2	-	-	8	58	3	69	-	-	11	3	22	36	-	-	2	272	4	278	-	385	-
6:45	-	1	1	1	3	-	-	4	70	7	81	-	-	17	5	27	49	-	-	5	272	5	282	-	415	-
7:00	-	1	1	1	3	-	-	15	87	13	115	-	-	10	3	23	36	-	-	5	237	11	253	-	407	-
7:15	-	1	1	1	3	1	-	8	81	16	105	-	-	15	9	40	64	-	-	5	204	11	220	-	392	1
7:30	-	-	1	5	6	-	-	9	84	16	109	-	-	7	6	22	35	-	-	6	232	9	247	-	397	-
7:45	-	-	-	1	1	-	-	11	87	23	121	-	-	12	11	24	47	-	-	8	202	4	214	-	383	-
8:00	-	-	-	1	1	-	-	15	81	16	112	-	-	5	5	15	25	1	-	11	242	16	269	-	407	1
8:15	-	1	-	-	1	-	-	10	74	9	93	-	-	7	10	18	35	-	-	6	198	9	213	-	342	-
8:30	-	3	1	-	4	-	-	7	83	16	106	-	-	5	1	19	25	-	-	3	173	6	182	-	317	-
8:45	-	3	-	1	4	-	-	13	72	5	90	-	-	11	4	27	42	-	-	3	202	7	212	-	348	-
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	10	-	6	16	-	-	13	89	4	106	-	-	3	1	12	16	-	-	-	126	11	137	-	275	-
11:15	-	9	4	6	19	-	-	16	117	7	140	-	-	6	-	11	17	-	-	2	104	12	118	-	294	-
11:30	-	6	2	2	10	-	-	10	114	2	126	-	-	7	1	20	28	-	-	-	119	6	125	-	289	-
11:45	-	10	3	4	17	-	-	21	108	5	134	-	-	6	-	17	23	-	-	3	109	8	120	-	294	-
12:00	-	15	2	2	19	-	-	7	95	5	107	-	-	8	1	13	22	-	-	7	110	3	120	-	268	-
12:15	-	7	1	6	14	-	-	13	110	6	129	1	-	9	1	11	21	-	-	6	111	5	122	-	286	1
12:30	-	7	2	5	14	-	-	24	126	9	159	1	-	9	-	14	23	-	-	2	120	7	129	-	325	1
12:45	-	9	4	3	16	-	-	11	136	8	155	-	-	8	6	6	20	-	-	4	106	7	117	-	308	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	3	2	5	10	-	-	16	265	1	282	-	-	15	1	18	34	-	-	2	96	6	104	-	430	-
15:15	-	11	4	6	21	-	-	21	255	1	277	-	-	21	2	7	30	-	-	2	96	11	109	-	437	-
15:30	-	9	6	7	22	-	-	20	263	1	284	1	-	27	4	16	47	-	-	1	118	14	133	-	486	1
15:45	-	12	12	7	31	-	-	26	235	12	273	-	-	25	13	24	62	-	-	4	106	6	116	-	482	-
16:00	-	42	16	17	75	-	-	19	248	1	268	-	-	18	2	20	40	-	-	2	124	13	139	-	522	-
16:15	-	31	12	7	50	-	-	25	268	5	298	-	-	33	3	23	59	-	-	2	99	8	109	-	516	-
16:30	-	28	10	5	43	-	-	16	256	2	274	-	-	30	2	15	47	-	-	4	93	7	104	-	468	-
16:45	-	19	8	11	38	-	-	16	265	5	286	-	-	21	8	15	44	-	-	7	109	4	120	-	488	-
17:00	-	23	12	11	46	-	-	25	249	3	277	-	-	24	3	20	47	-	-	8	110	5	123	-	493	-
17:15	-	16	9	5	30	-	-	25	249	2	276	-	-	15	4	24	43	-	-	5	86	4	95	-	444	-
17:30	-	9	8	3	20	-	-	29	227	2	258	-	-	20	4	17	41	-	-	2	94	11	107	-	426	-
17:45	-	4	-	1	5	-	-	34	190	4	228	-	-	17	1	11	29	-	-	1	96	6	103	-	365	-
Total	-	292	124	131	547	1	-	489	4729	216	5434	3	-	433	115	592	1140	1	-	124	4886	239	5249	-	12370	5
% App	-	53%	23%	24%	100%	-	-	9%	87%	4%	100%	-	-	38%	10%	52%	100%	-	-	2%	93%	5%	100%	-	-	-
% Total	-	2%	1%	1%	4%	20%	-	4%	38%	2%	44%	60%	-	4%	1%	5%	9%	20%	-	1%	39%	2%	42%	-	100%	100%
Passenger Vehicles	-	283	122	121	526	-	-	476	4380	205	5061	-	-	411	114	573	1098	-	-	121	4523	220	4864	-	11549	-
Passenger Vehicles %	-	97%	98%	92%	96%	-	-	97%	93%	95%	93%	-	-	95%	99%	97%	96%	-	-	98%	93%	92%	93%	-	93%	-
HC Vehicles	-	9	2	10	21	-	-	13	349	11	373	-	-	22	1	19	42	-	-	3	363	19	385	-	821	-
HC Vehicles %	-	3%	2%	8%	4%	-	-	3%	7%	5%	7%	-	-	5%	1%	3%	4%	-	-	2%	7%	8%	7%	-	7%	-

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-12 & Halgren Rd
 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_AM Peak (6:45AM-7:45AM) at TH-12 & Halgren Rd																										
Start Time	Halgren Rd North Leg (Southbound)						TH-12 East Leg (Westbound)						Halgren Rd South Leg (Northbound)						TH-12 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*		
6:45	-	1	1	1	3	-	-	4	70	7	81	-	-	17	5	27	49	-	-	5	272	5	282	-	415	-
7:00	-	1	1	1	3	-	-	15	87	13	115	-	-	10	3	23	36	-	-	5	237	11	253	-	407	-
7:15	-	1	1	1	3	1	-	8	81	16	105	-	-	15	9	40	64	-	-	5	204	11	220	-	392	1
7:30	-	-	1	5	6	-	-	9	84	16	109	-	-	7	6	22	35	-	-	6	232	9	247	-	397	-
Total	-	3	4	8	15	1	-	36	322	52	410	-	-	49	23	112	184	-	-	21	945	36	1002	-	1611	1
% App	-	20%	27%	53%	100%	-	-	9%	79%	13%	100%	-	-	27%	13%	61%	100%	-	-	2%	94%	4%	100%	-	-	-
% Total	-	0%	0%	0%	1%	100%	-	2%	20%	3%	25%	-	-	3%	1%	7%	11%	-	-	1%	59%	2%	62%	-	100%	100%
PHF	-	0.750	1.000	0.400	0.625	-	-	0.600	0.925	0.813	0.891	-	-	0.721	0.639	0.700	0.719	-	-	0.875	0.869	0.818	0.888	-	0.970	-
Passenger Vehicles	-	1	3	6	10	-	-	33	292	50	375	-	-	47	23	108	178	-	-	21	913	35	969	-	1532	-
Passenger Vehicles %	-	33%	75%	75%	67%	-	-	92%	91%	96%	91%	-	-	96%	100%	96%	97%	-	-	100%	97%	97%	97%	-	95%	-
HC Vehicles	-	2	1	2	5	-	-	3	30	2	35	-	-	2	-	4	6	-	-	-	32	1	33	-	79	-
HC Vehicles %	-	67%	25%	25%	33%	-	-	8%	9%	4%	9%	-	-	4%	-	4%	3%	-	-	-	3%	3%	3%	-	5%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at TH-12 & Halgren Rd																											
Start Time	Halgren Rd North Leg (Southbound)						TH-12 East Leg (Westbound)						Halgren Rd South Leg (Northbound)						TH-12 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	-	15	2	2	19	-	-	7	95	5	107	-	-	8	1	13	22	-	-	7	110	3	120	-	268	-	
12:15	-	7	1	6	14	-	-	13	110	6	129	1	-	9	1	11	21	-	-	6	111	5	122	-	286	1	
12:30	-	7	2	5	14	-	-	24	126	9	159	1	-	9	-	14	23	-	-	2	120	7	129	-	325	1	
12:45	-	9	4	3	16	-	-	11	136	8	155	-	-	8	6	6	20	-	-	4	106	7	117	-	308	-	
Total	-	38	9	16	63	-	-	55	467	28	550	2	-	34	8	44	86	-	-	19	447	22	488	-	1187	2	
% App	-	60%	14%	25%	100%	-	-	10%	85%	5%	100%	-	-	40%	9%	51%	100%	-	-	4%	92%	5%	100%	-	-	-	
% Total	-	3%	1%	1%	5%	-	-	5%	39%	2%	46%	100%	-	-	3%	1%	4%	7%	-	-	2%	38%	2%	41%	-	100%	100%
PHF	-	0.633	0.563	0.667	0.829	-	-	0.573	0.858	0.778	0.865	-	-	0.944	0.333	0.786	0.935	-	-	0.679	0.931	0.786	0.946	-	0.913	-	
Passenger Vehicles	-	36	9	15	60	-	-	52	408	26	486	-	-	30	8	42	80	-	-	18	395	22	435	-	1061	-	
Passenger Vehicles %	-	95%	100%	94%	95%	-	-	95%	87%	93%	88%	-	-	88%	100%	95%	93%	-	-	95%	88%	100%	89%	-	89%	-	
HC Vehicles	-	2	-	1	3	-	-	3	59	2	64	-	-	4	-	2	6	-	-	1	52	-	53	-	126	-	
HC Vehicles %	-	5%	-	6%	5%	-	-	5%	13%	7%	12%	-	-	12%	-	5%	7%	-	-	5%	12%	-	11%	-	11%	-	

All Vehicles_PM Peak (3:30PM-4:30PM) at TH-12 & Halgren Rd																											
Start Time	Halgren Rd North Leg (Southbound)						TH-12 East Leg (Westbound)						Halgren Rd South Leg (Northbound)						TH-12 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*			
15:30	-	9	6	7	22	-	-	20	263	1	284	1	-	27	4	16	47	-	-	1	118	14	133	-	486	1	
15:45	-	12	12	7	31	-	-	26	235	12	273	-	-	25	13	24	62	-	-	4	106	6	116	-	482	-	
16:00	-	42	16	17	75	-	-	19	248	1	268	-	-	18	2	20	40	-	-	2	124	13	139	-	522	-	
16:15	-	31	12	7	50	-	-	25	268	5	298	-	-	33	3	23	59	-	-	2	99	8	109	-	516	-	
Total	-	94	46	38	178	-	-	90	1014	19	1123	1	-	103	22	83	208	-	-	9	447	41	497	-	2006	1	
% App	-	53%	26%	21%	100%	-	-	8%	90%	2%	100%	-	-	50%	11%	40%	100%	-	-	2%	90%	8%	100%	-	-	-	
% Total	-	5%	2%	2%	9%	-	-	4%	51%	1%	56%	100%	-	-	5%	1%	4%	10%	-	-	0%	22%	2%	25%	-	100%	100%
PHF	-	0.560	0.719	0.559	0.593	-	-	0.865	0.946	0.396	0.942	-	-	0.780	0.423	0.865	0.839	-	-	0.563	0.901	0.732	0.894	-	0.961	-	
Passenger Vehicles	-	92	46	36	174	-	-	89	974	16	1079	-	-	98	22	77	197	-	-	9	413	36	458	-	1908	-	
Passenger Vehicles %	-	98%	100%	95%	98%	-	-	99%	96%	84%	96%	-	-	95%	100%	93%	95%	-	-	100%	92%	88%	92%	-	95%	-	
HC Vehicles	-	2	-	2	4	-	-	1	40	3	44	-	-	5	-	6	11	-	-	-	34	5	39	-	98	-	
HC Vehicles %	-	2%	-	5%	2%	-	-	1%	4%	16%	4%	-	-	5%	-	7%	5%	-	-	-	8%	12%	8%	-	5%	-	

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