

Intersection Traffic Counts

Intersection: TH 10 & Fairoak Ave

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 & Fairoak Ave																										
Start Time	Fairoak Ave						TH 10						Fairoak Ave						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	-	-	1	2	3	-	-	11	304	1	316	-	-	6	2	23	31	1	-	1	620	2	623	1	973	2
6:15	-	2	-	11	13	-	-	7	313	-	320	-	-	4	-	24	28	-	1	2	699	1	703	-	1064	-
6:30	-	2	4	8	14	-	-	18	374	-	392	-	-	5	2	19	26	-	1	1	711	1	714	2	1146	2
6:45	-	2	3	6	11	-	-	16	438	1	455	-	-	8	1	25	34	-	1	1	710	1	713	1	1213	1
7:00	-	1	4	5	10	-	-	20	444	4	468	-	-	9	1	23	33	-	-	1	693	-	694	-	1205	-
7:15	-	4	6	11	21	-	-	14	475	5	494	-	-	3	2	32	37	-	2	13	704	3	722	-	1274	-
7:30	-	3	4	15	22	-	-	27	592	6	625	-	-	13	-	25	38	2	-	2	666	2	670	-	1355	2
7:45	-	3	11	15	29	-	-	24	593	7	624	-	-	9	3	26	38	-	-	8	695	6	709	-	1400	-
8:00	-	4	7	8	19	-	-	12	393	5	410	-	-	5	1	22	28	-	5	3	659	2	669	-	1126	-
8:15	-	3	6	9	18	-	-	15	384	2	401	1	-	7	2	28	37	-	-	4	595	3	602	-	1058	1
8:30	-	3	8	13	24	-	1	22	379	4	406	-	-	17	3	20	40	-	1	5	572	1	579	1	1049	1
8:45	-	8	4	12	24	-	1	24	397	5	427	-	-	14	2	30	46	-	-	11	489	7	507	-	1004	-
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	2	8	19	29	-	-	11	328	9	348	-	-	11	4	13	28	2	-	15	376	2	393	1	798	3
11:15	-	4	5	25	34	-	1	23	323	3	350	-	-	13	5	19	37	1	-	13	384	3	400	1	821	2
11:30	-	3	10	22	35	-	-	25	333	6	364	-	-	13	1	15	29	-	1	15	404	6	426	-	854	-
11:45	-	9	8	29	46	-	2	23	395	7	427	-	-	13	1	27	41	-	-	10	430	13	453	-	967	-
12:00	-	1	11	21	33	-	-	20	364	6	390	-	-	20	2	34	56	2	1	11	388	9	409	1	888	3
12:15	-	5	8	33	46	-	-	24	456	6	486	1	-	16	3	19	38	1	2	10	384	5	401	1	971	3
12:30	-	9	11	22	42	-	-	32	406	6	444	-	-	28	4	26	58	1	3	18	411	4	436	-	980	1
12:45	-	8	8	26	42	-	1	19	393	7	420	-	-	12	5	22	39	1	1	12	464	3	480	2	981	3
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	5	12	35	52	-	1	18	582	9	610	1	-	6	2	18	26	-	-	5	549	2	556	2	1244	3
15:15	-	6	12	58	76	-	1	11	577	1	590	-	-	13	4	21	38	4	-	7	461	1	469	-	1173	4
15:30	-	4	17	47	68	-	-	10	598	2	610	-	-	4	1	18	23	-	-	9	611	3	623	1	1324	1
15:45	-	7	14	61	82	1	-	17	563	1	581	2	-	11	4	33	48	5	1	3	494	4	502	2	1213	10
16:00	-	8	16	84	108	-	-	13	572	3	588	-	-	6	-	18	24	1	-	4	578	6	588	2	1308	3
16:15	-	7	12	77	96	-	1	22	518	2	543	1	-	11	4	19	34	-	-	10	546	6	562	1	1235	2
16:30	-	7	11	64	82	-	-	16	561	4	581	1	-	5	3	20	28	4	1	6	652	7	666	-	1357	5
16:45	-	10	21	81	112	-	-	21	559	3	583	1	-	7	2	25	34	1	1	4	611	2	618	-	1347	2
17:00	-	4	15	57	76	-	2	16	587	2	607	4	-	5	4	23	32	4	-	8	613	6	627	-	1342	8
17:15	-	7	17	60	84	-	-	8	563	7	578	-	-	3	3	19	25	-	1	9	571	3	584	3	1271	3
17:30	-	5	14	60	79	-	2	27	593	6	628	-	-	11	3	22	36	-	-	11	501	3	515	4	1258	4
17:45	-	1	28	43	72	-	-	25	557	8	590	-	-	7	4	19	30	1	1	3	424	2	430	3	1122	4
Total	-	147	316	1039	1502	1	13	591	14914	138	15656	12	-	315	78	727	1120	31	24	235	17665	119	18043	29	36321	73
% App	-	10%	21%	69%	100%	-	0%	4%	95%	1%	100%	-	-	28%	7%	65%	100%	-	0%	1%	98%	1%	100%	-	-	-
% Total	-	0%	1%	3%	4%	1%	0%	2%	41%	0%	43%	16%	-	1%	0%	2%	3%	42%	0%	1%	49%	0%	50%	40%	100%	100%
Passenger Vehicles	-	134	305	1012	1451	-	13	573	14097	126	14809	-	-	305	74	704	1083	-	24	213	16789	114	17140	-	34483	-
Passenger Vehicles %	-	91%	97%	97%	97%	-	100%	97%	95%	91%	95%	-	-	97%	95%	97%	97%	-	100%	91%	95%	96%	95%	-	95%	-
HC Vehicles	-	13	11	27	51	-	-	18	817	12	847	-	-	10	4	23	37	-	-	22	876	5	903	-	1838	-
HC Vehicles %	-	9%	3%	3%	3%	-	-	3%	5%	9%	5%	-	-	3%	5%	3%	3%	-	-	9%	5%	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: TH 10 & Fair oak Ave
Start Date: Thu, Oct 4, 2018
Duration: 6-9,11-13,15-18:00

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All Vehicles_AM Peak (7:00AM-8:00AM) at TH 10 & Fair oak Ave																											
Start Time	Fair oak Ave						TH 10						Fair oak Ave						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*			
7:00	-	1	4	5	10	-	-	20	444	4	468	-	-	9	1	23	33	-	-	1	693	-	694	-	1205	-	
7:15	-	4	6	11	21	-	-	14	475	5	494	-	-	3	2	32	37	-	-	2	13	704	3	722	-	1274	-
7:30	-	3	4	15	22	-	-	27	592	6	625	-	-	13	-	25	38	2	-	2	666	2	670	-	1355	2	
7:45	-	3	11	15	29	-	-	24	593	7	624	-	-	9	3	26	38	-	-	8	695	6	709	-	1400	-	
Total	-	11	25	46	82	-	-	85	2104	22	2211	-	-	34	6	106	146	2	-	2	24	2758	11	2795	-	5234	2
% App	-	13%	30%	56%	100%	-	-	4%	95%	1%	100%	-	-	23%	4%	73%	100%	-	0%	1%	99%	0%	100%	-	-	-	
% Total	-	0%	0%	1%	2%	-	-	2%	40%	0%	42%	-	-	1%	0%	2%	3%	100%	0%	0%	53%	0%	53%	-	100%	100%	
PHF	-	0.688	0.568	0.767	0.707	-	-	0.787	0.887	0.786	0.884	-	-	0.654	0.500	0.828	0.961	-	0.250	0.462	0.979	0.458	0.968	-	0.935	-	
Passenger Vehicles	-	7	24	45	76	-	-	83	1991	19	2093	-	-	33	6	101	140	-	-	2	18	2651	8	2679	-	4988	-
Passenger Vehicles %	-	64%	96%	98%	93%	-	-	98%	95%	86%	95%	-	-	97%	100%	95%	96%	-	100%	75%	96%	73%	96%	-	95%	-	
HC Vehicles	-	4	1	1	6	-	-	2	113	3	118	-	-	1	-	5	6	-	-	6	107	3	116	-	246	-	
HC Vehicles %	-	36%	4%	2%	7%	-	-	2%	5%	14%	5%	-	-	3%	-	5%	4%	-	-	25%	4%	27%	4%	-	5%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at TH 10 & Fair oak Ave																											
Start Time	Fair oak Ave						TH 10						Fair oak Ave						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*			
12:00	-	1	11	21	33	-	-	20	364	6	390	-	-	20	2	34	56	2	-	1	11	388	9	409	1	888	3
12:15	-	5	8	33	46	-	-	24	456	6	486	1	-	16	3	19	38	1	-	2	10	384	5	401	1	971	3
12:30	-	9	11	22	42	-	-	32	406	6	444	-	-	28	4	26	58	1	-	3	18	411	4	436	-	980	1
12:45	-	8	8	26	42	-	1	19	393	7	420	-	-	12	5	22	39	1	-	1	12	464	3	480	2	981	3
Total	-	23	38	102	163	-	1	95	1619	25	1740	1	-	76	14	101	191	5	-	7	51	1647	21	1726	4	3820	10
% App	-	14%	23%	63%	100%	-	0%	5%	93%	1%	100%	-	-	40%	7%	53%	100%	-	0%	3%	95%	1%	100%	-	-	-	
% Total	-	1%	1%	3%	4%	-	0%	2%	42%	1%	46%	10%	-	2%	0%	3%	5%	50%	0%	1%	43%	1%	45%	40%	100%	100%	
PHF	-	0.639	0.864	0.773	0.886	-	0.250	0.742	0.888	0.893	0.895	-	-	0.679	0.700	0.743	0.823	-	0.583	0.708	0.887	0.583	0.899	-	0.973	-	
Passenger Vehicles	-	20	36	99	155	-	1	93	1532	23	1649	-	-	74	14	98	186	-	-	7	46	1533	20	1606	-	3596	-
Passenger Vehicles %	-	87%	95%	97%	95%	-	100%	98%	95%	92%	95%	-	-	97%	100%	97%	97%	-	100%	90%	93%	95%	93%	-	94%	-	
HC Vehicles	-	3	2	3	8	-	-	2	87	2	91	-	-	2	-	3	5	-	-	5	114	1	120	-	224	-	
HC Vehicles %	-	13%	5%	3%	5%	-	-	2%	5%	8%	5%	-	-	3%	-	3%	3%	-	-	10%	7%	5%	7%	-	6%	-	

All Vehicles_PM Peak (4:30PM-5:30PM) at TH 10 & Fair oak Ave																											
Start Time	Fair oak Ave						TH 10						Fair oak Ave						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*			
16:30	-	7	11	64	82	-	-	16	561	4	581	1	-	5	3	20	28	4	-	1	6	652	7	666	-	1357	5
16:45	-	10	21	81	112	-	-	21	559	3	583	1	-	7	2	25	34	1	-	1	4	611	2	618	-	1347	2
17:00	-	4	15	57	76	-	2	16	587	2	607	4	-	5	4	23	32	4	-	8	613	6	627	-	1342	8	
17:15	-	7	17	60	84	-	-	8	563	7	578	-	-	3	3	19	25	-	-	1	9	571	3	584	3	1271	3
Total	-	28	64	262	354	-	2	61	2270	16	2349	6	-	20	12	87	119	9	-	3	27	2447	18	2495	3	5317	18
% App	-	8%	18%	74%	100%	-	0%	3%	97%	1%	100%	-	-	17%	10%	73%	100%	-	0%	1%	98%	1%	100%	-	-	-	
% Total	-	1%	1%	5%	7%	-	0%	1%	43%	0%	44%	33%	-	0%	0%	2%	2%	50%	0%	1%	46%	0%	47%	17%	100%	100%	
PHF	-	0.700	0.762	0.809	0.790	-	0.250	0.726	0.967	0.571	0.967	-	-	0.714	0.750	0.870	0.875	-	0.750	0.750	0.938	0.643	0.937	-	0.980	-	
Passenger Vehicles	-	27	64	255	346	-	2	60	2194	16	2272	-	-	20	10	86	116	-	-	3	26	2371	17	2417	-	5151	-
Passenger Vehicles %	-	96%	100%	97%	98%	-	100%	98%	97%	100%	97%	-	-	100%	83%	99%	97%	-	100%	96%	97%	94%	97%	-	97%	-	
HC Vehicles	-	1	-	7	8	-	-	1	76	-	77	-	-	-	2	1	3	-	-	1	76	1	78	-	166	-	
HC Vehicles %	-	4%	-	3%	2%	-	-	2%	3%	-	3%	-	-	-	17%	1%	3%	-	-	4%	3%	6%	3%	-	3%	-	

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

Intersection Traffic Counts

Intersection: TH 10 & Fairoak Ave
Start Date: Thu, Oct 4, 2018
Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC
 www.acsteam.com
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