

Intersection Traffic Counts

Intersection: Hopkins Xrd & Fairfield Rd

Start Date: Tue, Oct 2, 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 Hopkins Xrd & Fairfield Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						Fairfield Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						Fairfield Rd 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	-	2	12	1	15	-	-	1	-	1	2	-	-	3	8	4	15	1	-	-	-	2	2	-	34	1
6:15	-	5	24	1	30	-	-	2	-	-	2	-	1	1	19	5	26	-	-	-	-	5	5	-	63	-
6:30	-	5	30	2	37	-	-	6	-	1	7	-	-	-	16	10	26	-	-	1	-	3	4	-	74	-
6:45	-	7	40	2	49	2	-	6	-	1	7	-	-	1	28	10	39	-	-	2	-	7	9	-	104	2
7:00	-	13	61	2	76	-	-	12	1	2	15	-	-	1	32	10	43	-	-	4	2	11	17	-	151	-
7:15	-	12	91	6	109	1	-	9	-	-	9	-	1	1	43	15	60	1	-	3	-	7	10	1	188	3
7:30	-	18	108	6	132	-	-	9	1	2	12	-	-	4	52	28	84	-	-	-	-	12	12	-	240	-
7:45	-	30	106	7	143	-	-	8	2	-	10	1	-	8	46	24	78	1	-	1	1	11	13	-	244	2
8:00	-	30	137	4	171	1	-	9	-	2	11	-	-	7	59	43	109	-	-	6	1	13	20	-	311	1
8:15	-	20	186	7	213	-	-	8	1	1	10	-	-	4	40	26	70	-	-	1	1	6	8	-	301	-
8:30	-	19	155	5	179	-	-	6	2	2	10	1	1	3	41	32	77	-	-	1	2	17	20	1	286	2
8:45	1	23	110	10	144	1	-	9	2	2	13	-	-	11	36	18	65	1	-	3	2	9	14	1	236	3
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	1	3	44	1	49	1	-	6	2	2	10	-	-	11	34	8	53	-	-	7	-	10	17	-	129	1
11:15	-	2	34	6	42	-	-	10	-	6	16	-	4	12	48	6	70	4	-	6	-	10	16	-	144	4
11:30	1	1	49	5	56	-	-	22	1	6	29	1	-	18	40	6	64	1	-	6	-	18	24	-	173	2
11:45	-	4	42	11	57	-	-	10	4	8	22	-	4	34	42	11	91	3	-	3	-	8	11	-	181	3
12:00	-	6	47	3	56	4	-	13	-	5	18	-	-	12	44	11	67	4	-	10	1	19	30	1	171	9
12:15	-	5	57	9	71	-	-	8	4	6	18	-	2	8	47	11	68	1	-	4	-	9	13	3	170	4
12:30	-	7	56	8	71	-	-	6	3	3	12	-	1	9	53	10	73	4	-	1	2	9	12	2	168	6
12:45	-	7	44	10	61	1	-	6	3	4	13	1	4	11	49	16	80	3	-	3	1	7	11	3	165	8
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	2	39	2	43	-	-	8	1	5	14	-	1	6	74	6	87	-	-	2	1	6	9	-	153	-
15:15	-	1	36	5	42	-	-	6	2	8	16	-	2	9	56	4	71	-	-	5	-	5	10	-	139	-
15:30	-	1	27	4	32	-	-	7	2	12	21	1	3	20	69	6	98	1	-	7	1	8	16	-	167	2
15:45	-	2	43	6	51	1	-	10	2	3	15	-	4	19	90	5	118	-	-	5	2	9	16	-	200	1
16:00	-	1	60	9	70	1	-	20	2	23	45	-	3	11	111	6	131	-	-	2	2	8	12	3	258	4
16:15	-	-	69	7	76	-	-	21	1	16	38	-	4	10	132	7	153	1	-	7	1	6	14	1	281	2
16:30	-	2	76	5	83	-	-	21	6	11	38	-	3	12	102	3	120	1	-	6	3	7	16	1	257	2
16:45	-	2	76	7	85	-	-	17	3	16	36	1	2	6	104	7	119	-	-	2	1	11	14	-	254	1
17:00	-	-	76	4	80	-	-	24	11	19	54	-	1	10	121	9	141	-	-	4	1	11	16	1	291	1
17:15	-	1	98	6	105	-	-	14	5	22	41	-	2	10	122	7	141	-	-	4	1	10	15	1	302	1
17:30	-	-	80	9	89	1	-	10	2	12	24	-	2	16	95	7	120	1	-	3	5	7	15	2	248	4
17:45	-	-	58	5	63	2	-	17	2	13	32	-	3	19	83	10	115	-	-	9	-	9	18	1	228	3
Total	3	231	2171	175	2580	16	-	341	65	214	620	6	48	307	1936	381	2672	28	-	118	31	290	439	22	6311	72
% App	0%	9%	84%	7%	100%	-	-	55%	10%	35%	100%	-	2%	11%	72%	14%	100%	-	-	27%	7%	66%	100%	-	-	-
% Total	0%	4%	34%	3%	41%	22%	-	5%	1%	3%	10%	8%	1%	5%	31%	6%	42%	39%	-	2%	0%	5%	7%	31%	100%	100%
Passenger Vehicles	3	228	2110	167	2508	-	-	325	63	213	601	-	48	289	1874	375	2586	-	-	114	29	264	407	-	6102	-
Passenger Vehicles %	100%	99%	97%	95%	97%	-	-	95%	97%	100%	97%	-	100%	94%	97%	98%	97%	-	-	97%	94%	91%	93%	-	97%	-
HC Vehicles	-	3	61	8	72	-	-	16	2	1	19	-	-	18	62	6	86	-	-	4	2	26	32	-	209	-
HC Vehicles %	-	1%	3%	5%	3%	-	-	5%	3%	0%	3%	-	-	6%	3%	2%	3%	-	-	3%	6%	9%	7%	-	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: Hopkins Xrd & Fairfield Rd

Start Date: Tue, Oct 2, 2018

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

Prepared by: Associated Consulting Services LLC

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All Vehicles_AM Peak (7:45AM-8:45AM) at Hopkins Xrd & Fairfield Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						Fairfield Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						Fairfield Rd 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*		
	7:45	-	30	106	7	143	-	-	8	2	-	10	1	-	8	46	24	78	1	-	1	1	11	13		
8:00	-	30	137	4	171	1	-	9	-	2	11	-	-	7	59	43	109	-	-	6	1	13	20	-	311	1
8:15	-	20	186	7	213	-	-	8	1	1	10	-	-	4	40	26	70	-	-	1	1	6	8	-	301	-
8:30	-	19	155	5	179	-	-	6	2	2	10	1	1	3	41	32	77	-	-	1	2	17	20	1	286	2
Total	-	99	584	23	706	1	-	31	5	5	41	2	1	22	186	125	334	1	-	9	5	47	61	1	1142	5
% App	-	14%	83%	3%	100%	-	-	76%	12%	12%	100%	-	0%	7%	56%	37%	100%	-	-	15%	8%	77%	100%	-	-	-
% Total	-	9%	51%	2%	62%	20%	-	3%	0%	0%	4%	40%	0%	2%	16%	11%	29%	20%	-	1%	0%	4%	5%	20%	100%	100%
PHF	-	0.825	0.785	0.821	0.829	-	-	0.861	0.625	0.625	0.932	-	0.250	0.688	0.788	0.727	0.766	-	-	0.375	0.625	0.691	0.763	-	0.918	-
Passenger Vehicles	-	98	562	22	682	-	-	27	4	4	35	-	1	20	180	122	323	-	-	9	5	43	57	-	1097	-
Passenger Vehicles %	-	99%	96%	96%	97%	-	-	87%	80%	80%	85%	-	100%	91%	97%	98%	97%	-	-	100%	100%	91%	93%	-	96%	-
HC Vehicles	-	1	22	1	24	-	-	4	1	1	6	-	-	2	6	3	11	-	-	-	-	4	4	-	45	-
HC Vehicles %	-	1%	4%	4%	3%	-	-	13%	20%	20%	15%	-	-	9%	3%	2%	3%	-	-	-	-	9%	7%	-	4%	-

All Vehicles_Midday Peak (11:30AM-12:30PM) at Hopkins Xrd & Fairfield Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						Fairfield Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						Fairfield Rd 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	1	1	49	5	56	-	-	22	1	6	29	1	-	18	40	6	64	1	-	6	-	18	24		
11:45	-	4	42	11	57	-	-	10	4	8	22	-	4	34	42	11	91	3	-	3	-	8	11	-	181	3
12:00	-	6	47	3	56	4	-	13	-	5	18	-	-	12	44	11	67	4	-	10	1	19	30	1	171	9
12:15	-	5	57	9	71	-	-	8	4	6	18	-	2	8	47	11	68	1	-	4	-	9	13	3	170	4
Total	1	16	195	28	240	4	-	53	9	25	87	1	6	72	173	39	290	9	-	23	1	54	78	4	695	18
% App	0%	7%	81%	12%	100%	-	-	61%	10%	29%	100%	-	2%	25%	60%	13%	100%	-	-	29%	1%	69%	100%	-	-	-
% Total	0%	2%	28%	4%	35%	22%	-	8%	1%	4%	13%	6%	1%	10%	25%	6%	42%	50%	-	3%	0%	8%	11%	22%	100%	100%
PHF	0.250	0.667	0.855	0.636	0.845	-	-	0.602	0.563	0.781	0.750	-	0.375	0.529	0.920	0.886	0.797	-	-	0.575	0.250	0.711	0.650	-	0.960	-
Passenger Vehicles	1	16	192	28	237	-	-	51	9	25	85	-	6	69	166	38	279	-	-	22	1	51	74	-	675	-
Passenger Vehicles %	100%	100%	98%	100%	99%	-	-	96%	100%	100%	98%	-	100%	96%	96%	97%	96%	-	-	96%	100%	94%	95%	-	97%	-
HC Vehicles	-	-	3	-	3	-	-	2	-	-	2	-	-	3	7	1	11	-	-	1	-	3	4	-	20	-
HC Vehicles %	-	-	2%	-	1%	-	-	4%	-	-	2%	-	-	4%	4%	3%	4%	-	-	4%	-	6%	5%	-	3%	-

All Vehicles_PM Peak (4:30PM-5:30PM) at Hopkins Xrd & Fairfield Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						Fairfield Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						Fairfield Rd 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*		
	16:30	-	2	76	5	83	-	-	21	6	11	38	-	3	12	102	3	120	1	-	6	3	7	16		
16:45	-	2	76	7	85	-	-	17	3	16	36	1	2	6	104	7	119	-	-	2	1	11	14	-	254	1
17:00	-	-	76	4	80	-	-	24	11	19	54	-	1	10	121	9	141	-	-	4	1	11	16	1	291	1
17:15	-	1	98	6	105	-	-	14	5	22	41	-	2	10	122	7	141	-	-	4	1	10	15	1	302	1
Total	-	5	326	22	353	-	-	76	25	68	169	1	8	38	449	26	521	1	-	16	6	39	61	3	1104	5
% App	-	1%	92%	6%	100%	-	-	45%	15%	40%	100%	-	2%	7%	86%	5%	100%	-	-	26%	10%	64%	100%	-	-	-
% Total	-	0%	30%	2%	32%	-	-	7%	2%	6%	15%	20%	1%	3%	41%	2%	47%	20%	-	1%	1%	4%	6%	60%	100%	100%
PHF	-	0.625	0.832	0.786	0.840	-	-	0.792	0.568	0.773	0.782	-	0.667	0.792	0.920	0.722	0.924	-	-	0.667	0.500	0.886	0.953	-	0.914	-
Passenger Vehicles	-	5	322	21	348	-	-	74	25	68	167	-	8	36	439	26	509	-	-	15	6	36	57	-	1081	-
Passenger Vehicles %	-	100%	99%	95%	99%	-	-	97%	100%	100%	99%	-	100%	95%	98%	100%	98%	-	-	94%	100%	92%	93%	-	98%	-
HC Vehicles	-	-	4	1	5	-	-	2	-	-	2	-	-	2	10	-	12	-	-	1	-	3	4	-	23	-
HC Vehicles %	-	-	1%	5%	1%	-	-	3%	-	-	1%	-	-	5%	2%	-	2%	-	-	6%	-	8%	7%	-	2%	-

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
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 % App = percentage of specific movement total in relation to its approach total
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 dash (-) in the table indicates zero or not applicable

Intersection Traffic Counts

Intersection: Hopkins Xrd & Fairfield Rd
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Duration: 6-9,11-13,15-18:00

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