

Intersection Traffic Counts

Intersection: Hopkins Xrd & I-394 N Ramp

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 & I-394 N Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 N Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 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	-	5	16	-	21	-	-	42	-	11	53	-	-	-	15	6	21	-	-	-	-	-	-	95	-	
6:15	-	6	34	-	40	-	-	41	-	32	73	-	-	-	22	13	35	-	-	-	-	-	-	148	-	
6:30	-	4	40	-	44	-	-	42	-	30	72	-	1	-	28	25	54	-	-	-	-	-	-	170	-	
6:45	-	7	54	-	61	-	-	45	-	27	72	-	-	-	53	22	75	-	-	-	-	-	-	208	-	
7:00	-	6	77	-	83	-	-	36	-	38	74	-	-	-	56	8	64	-	-	-	-	-	-	221	-	
7:15	-	15	112	-	127	-	-	69	-	59	128	-	-	-	80	33	113	-	-	-	-	-	-	368	-	
7:30	-	13	128	-	141	-	-	78	-	71	149	-	-	-	83	50	133	-	-	-	-	-	-	423	-	
7:45	-	11	120	-	131	-	-	64	-	76	140	-	-	-	119	50	169	-	-	-	-	-	-	440	-	
8:00	-	12	147	-	159	-	-	92	-	98	190	-	-	-	114	30	144	-	-	-	-	-	-	493	-	
8:15	-	17	180	-	197	-	-	66	-	72	138	-	-	-	103	41	144	-	-	-	-	-	-	479	-	
8:30	-	21	163	-	184	-	-	63	-	78	141	-	-	-	101	31	132	-	-	-	-	-	-	459	-	
8:45	-	5	108	-	113	-	1	69	-	68	138	-	-	-	91	29	120	-	-	-	-	-	-	371	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	1	15	90	-	106	-	-	28	-	65	93	-	-	-	83	26	109	-	-	-	-	-	-	308	-	
11:15	-	18	78	-	96	-	-	33	-	92	125	-	-	-	99	26	125	-	-	-	-	-	-	346	-	
11:30	-	32	120	-	152	-	-	19	-	98	117	-	-	-	81	31	112	-	-	-	-	-	-	381	-	
11:45	-	29	102	-	131	-	-	36	-	84	120	-	1	-	92	28	121	-	-	-	-	-	-	372	-	
12:00	-	29	125	-	154	-	-	33	-	83	116	-	-	-	93	32	125	-	-	-	-	-	-	395	-	
12:15	-	26	121	-	147	-	-	36	-	62	98	-	-	-	97	39	136	-	-	-	-	-	-	381	-	
12:30	-	20	107	-	127	-	-	27	-	75	102	-	-	-	90	36	126	-	-	-	-	-	-	355	-	
12:45	-	25	108	-	133	-	-	35	-	99	134	-	-	-	92	42	134	-	-	-	-	-	-	401	-	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	22	109	-	131	-	-	54	-	62	116	-	1	-	85	44	130	-	-	-	-	-	-	377	-	
15:15	-	19	102	-	121	-	-	39	-	59	98	-	-	-	91	43	134	-	-	-	-	-	-	353	-	
15:30	-	21	96	-	117	-	-	67	-	86	153	-	1	-	101	47	149	-	-	-	-	-	-	419	-	
15:45	-	17	108	-	125	-	-	45	-	88	133	-	-	-	121	50	171	-	-	-	-	-	-	429	-	
16:00	-	29	119	-	148	-	-	62	-	99	161	-	-	-	125	46	171	-	-	-	-	-	-	480	-	
16:15	1	17	152	-	170	-	-	63	-	74	137	-	-	-	146	52	198	-	-	-	-	-	-	505	-	
16:30	-	20	159	-	179	-	-	80	-	67	147	-	-	-	135	42	177	-	-	-	-	-	-	503	-	
16:45	-	20	151	-	171	-	-	62	-	58	120	-	-	-	134	46	180	-	-	-	-	-	-	471	-	
17:00	-	30	166	-	196	-	-	74	-	77	151	-	-	-	142	50	192	-	-	-	-	-	-	539	-	
17:15	1	39	170	-	210	-	-	55	-	82	137	-	-	-	139	54	193	-	-	-	-	-	-	540	-	
17:30	-	10	147	-	157	-	-	94	-	83	177	-	-	-	116	39	155	-	-	-	-	-	-	489	-	
17:45	-	21	119	-	140	-	-	62	-	83	145	1	-	-	128	39	167	-	-	-	-	-	-	452	1	
Total	3	581	3628	-	4212	-	1	1711	-	2236	3948	1	4	-	3055	1150	4209	-	-	-	-	-	-	12369	1	
% App	0%	14%	86%	-	100%	-	0%	43%	-	57%	100%	-	0%	-	73%	27%	100%	-	-	-	-	-	-	-	-	
% Total	0%	5%	29%	-	34%	-	0%	14%	-	18%	32%	100%	0%	-	25%	9%	34%	-	-	-	-	-	-	100%	100%	
Passenger Vehicles	3	567	3515	-	4085	-	1	1639	-	2182	3822	-	4	-	2965	1131	4100	-	-	-	-	-	-	12007	-	
Passenger Vehicles %	100%	98%	97%	-	97%	-	100%	96%	-	98%	97%	-	100%	-	97%	98%	97%	-	-	-	-	-	-	97%	-	
HC Vehicles	-	14	113	-	127	-	-	72	-	54	126	-	-	-	90	19	109	-	-	-	-	-	-	362	-	
HC Vehicles %	-	2%	3%	-	3%	-	-	4%	-	2%	3%	-	-	-	3%	2%	3%	-	-	-	-	-	-	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 & I-394 N Ramp

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 & I-394 N Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 N Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 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*		
	7:45	-	11	120	-	131	-	-	64	-	76	140	-	-	-	119	50	169	-	-	-	-	-	-		
8:00	-	12	147	-	159	-	-	92	-	98	190	-	-	-	114	30	144	-	-	-	-	-	-	493	-	
8:15	-	17	180	-	197	-	-	66	-	72	138	-	-	-	103	41	144	-	-	-	-	-	-	479	-	
8:30	-	21	163	-	184	-	-	63	-	78	141	-	-	-	101	31	132	-	-	-	-	-	-	457	-	
Total	-	61	610	-	671	-	-	285	-	324	609	-	-	-	437	152	589	-	-	-	-	-	-	1869	-	
% App	-	9%	91%	-	100%	-	-	47%	-	53%	100%	-	-	-	74%	26%	100%	-	-	-	-	-	-	-	-	
% Total	-	3%	33%	-	36%	-	-	15%	-	17%	33%	-	-	-	23%	8%	32%	-	-	-	-	-	-	100%	-	
PHF	-	0.726	0.847	-	0.852	-	-	0.774	-	0.827	0.801	-	-	-	0.918	0.760	0.871	-	-	-	-	-	-	0.948	-	
Passenger Vehicles	-	57	582	-	639	-	-	272	-	317	589	-	-	-	424	147	571	-	-	-	-	-	-	1799	-	
Passenger Vehicles %	-	93%	95%	-	95%	-	-	95%	-	98%	97%	-	-	-	97%	97%	97%	-	-	-	-	-	-	96%	-	
HC Vehicles	-	4	28	-	32	-	-	13	-	7	20	-	-	-	13	5	18	-	-	-	-	-	-	70	-	
HC Vehicles %	-	7%	5%	-	5%	-	-	5%	-	2%	3%	-	-	-	3%	3%	3%	-	-	-	-	-	-	4%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at Hopkins Xrd & I-394 N Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 N Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 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*		
	12:00	-	29	125	-	154	-	-	33	-	83	116	-	-	-	93	32	125	-	-	-	-	-	-		
12:15	-	26	121	-	147	-	-	36	-	62	98	-	-	-	97	39	136	-	-	-	-	-	-	381	-	
12:30	-	20	107	-	127	-	-	27	-	75	102	-	-	-	90	36	126	-	-	-	-	-	-	355	-	
12:45	-	25	108	-	133	-	-	35	-	99	134	-	-	-	92	42	134	-	-	-	-	-	-	401	-	
Total	-	100	461	-	561	-	-	131	-	319	450	-	-	-	372	149	521	-	-	-	-	-	-	1532	-	
% App	-	18%	82%	-	100%	-	-	29%	-	71%	100%	-	-	-	71%	29%	100%	-	-	-	-	-	-	-	-	
% Total	-	7%	30%	-	37%	-	-	9%	-	21%	29%	-	-	-	24%	10%	34%	-	-	-	-	-	-	100%	-	
PHF	-	0.862	0.922	-	0.911	-	-	0.910	-	0.806	0.840	-	-	-	0.959	0.887	0.958	-	-	-	-	-	-	0.955	-	
Passenger Vehicles	-	96	455	-	551	-	-	126	-	315	441	-	-	-	360	146	506	-	-	-	-	-	-	1498	-	
Passenger Vehicles %	-	96%	99%	-	98%	-	-	96%	-	99%	98%	-	-	-	97%	98%	97%	-	-	-	-	-	-	98%	-	
HC Vehicles	-	4	6	-	10	-	-	5	-	4	9	-	-	-	12	3	15	-	-	-	-	-	-	34	-	
HC Vehicles %	-	4%	1%	-	2%	-	-	4%	-	1%	2%	-	-	-	3%	2%	3%	-	-	-	-	-	-	2%	-	

All Vehicles_PM Peak (4:30PM-5:30PM) at Hopkins Xrd & I-394 N Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 N Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 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*		
	16:30	-	20	159	-	179	-	-	80	-	67	147	-	-	-	135	42	177	-	-	-	-	-	-		
16:45	-	20	151	-	171	-	-	62	-	58	120	-	-	-	134	46	180	-	-	-	-	-	-	471	-	
17:00	-	30	166	-	196	-	-	74	-	77	151	-	-	-	142	50	192	-	-	-	-	-	-	539	-	
17:15	1	39	170	-	210	-	-	55	-	82	137	-	-	-	139	54	193	-	-	-	-	-	-	540	-	
Total	1	109	646	-	756	-	-	271	-	284	555	-	-	-	550	192	742	-	-	-	-	-	-	2053	-	
% App	0%	14%	85%	-	100%	-	-	49%	-	51%	100%	-	-	-	74%	26%	100%	-	-	-	-	-	-	-	-	
% Total	0%	5%	31%	-	37%	-	-	13%	-	14%	27%	-	-	-	27%	9%	36%	-	-	-	-	-	-	100%	-	
PHF	0.250	0.699	0.950	-	0.900	-	-	0.847	-	0.866	0.919	-	-	-	0.968	0.889	0.961	-	-	-	-	-	-	0.950	-	
Passenger Vehicles	1	108	636	-	745	-	-	265	-	277	542	-	-	-	542	192	734	-	-	-	-	-	-	2021	-	
Passenger Vehicles %	100%	99%	98%	-	99%	-	-	98%	-	98%	98%	-	-	-	99%	100%	99%	-	-	-	-	-	-	98%	-	
HC Vehicles	-	1	10	-	11	-	-	6	-	7	13	-	-	-	8	-	8	-	-	-	-	-	-	32	-	
HC Vehicles %	-	1%	2%	-	1%	-	-	2%	-	2%	2%	-	-	-	1%	-	1%	-	-	-	-	-	-	2%	-	

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

Intersection Traffic Counts

Intersection: Hopkins Xrd & I-394 N Ramp
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

