

# Intersection Traffic Counts

Intersection: Hopkins Xrd & I-394 S 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 S Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 S Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 S 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	-	8	50	-	58	-	-	22	-	7	29	-	-	-	15	23	38	8	-	-	-	-	-	125	8	
6:15	-	20	55	-	75	-	-	23	-	12	35	-	-	-	24	33	57	46	-	-	-	-	-	167	46	
6:30	-	27	57	-	84	-	-	25	-	18	43	-	-	-	34	47	81	5	-	-	-	-	-	208	5	
6:45	-	30	65	-	95	-	-	45	-	33	78	-	-	-	43	55	98	8	-	-	-	-	-	271	8	
7:00	-	41	75	-	116	-	-	45	-	36	81	-	-	-	29	67	96	4	-	-	-	-	-	293	4	
7:15	1	48	125	-	174	-	-	43	-	50	93	-	-	-	60	92	152	-	-	-	-	-	-	419	-	
7:30	1	51	155	-	207	-	1	48	-	49	98	-	-	-	83	104	187	1	-	-	-	-	-	492	1	
7:45	1	25	150	-	176	-	1	55	-	58	114	-	-	-	113	83	196	1	-	-	-	-	-	486	1	
8:00	-	45	201	-	246	-	-	39	-	63	102	-	-	-	78	87	165	-	-	-	-	-	-	513	-	
8:15	-	35	210	-	245	-	-	48	-	61	109	-	-	-	90	61	151	2	-	-	-	-	-	505	2	
8:30	-	52	185	-	237	-	-	36	-	54	90	-	-	-	71	62	133	2	-	-	-	-	-	460	2	
8:45	-	32	143	-	175	-	-	47	-	54	101	-	-	-	68	73	141	1	-	-	-	-	-	417	1	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	49	65	-	114	-	-	25	-	44	69	-	-	-	64	28	92	-	-	-	-	-	-	275	-	
11:15	-	51	55	-	106	-	-	35	-	63	98	-	-	-	63	31	94	2	-	-	-	-	-	298	2	
11:30	-	73	66	-	139	-	-	29	-	56	85	-	-	-	57	58	115	-	-	-	-	-	-	339	-	
11:45	1	62	82	-	145	-	-	27	-	40	67	-	-	-	82	30	112	-	-	-	-	-	-	324	-	
12:00	1	68	81	-	150	-	-	24	-	47	71	-	-	-	72	35	107	2	-	-	-	-	-	328	2	
12:15	-	79	79	-	158	-	-	25	-	58	83	-	-	-	77	45	122	1	-	-	-	-	-	363	1	
12:30	-	63	73	-	136	-	-	26	-	58	84	-	-	-	70	34	104	-	-	-	-	-	-	324	-	
12:45	-	66	73	-	139	-	2	30	-	56	88	-	-	-	90	53	143	1	-	-	-	-	-	370	1	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	74	98	-	172	-	-	31	-	37	68	-	-	-	96	56	152	4	-	-	-	-	-	392	4	
15:15	-	63	78	-	141	-	-	27	-	40	67	-	-	-	90	73	163	-	-	-	-	-	-	371	-	
15:30	2	60	97	-	159	-	-	45	-	46	91	-	-	-	106	66	172	2	-	-	-	-	-	422	2	
15:45	-	57	107	-	164	-	-	31	-	49	80	-	-	-	117	83	200	2	-	-	-	-	-	444	2	
16:00	-	61	106	-	167	-	-	28	-	36	64	-	-	-	133	82	215	-	-	-	-	-	-	446	-	
16:15	1	92	135	-	228	-	-	40	-	46	86	-	-	-	152	73	225	-	-	-	-	-	-	539	-	
16:30	2	75	147	-	224	-	-	25	-	43	68	-	-	-	132	61	193	-	-	-	-	-	-	485	-	
16:45	-	80	136	-	216	-	-	35	-	39	74	-	-	-	137	74	211	-	-	-	-	-	-	501	-	
17:00	2	97	152	-	251	-	-	31	-	44	75	-	-	-	149	106	255	-	-	-	-	-	-	581	-	
17:15	1	79	135	-	215	-	1	38	-	44	83	-	-	-	140	70	210	-	-	-	-	-	-	508	-	
17:30	-	80	164	-	244	-	-	48	-	51	99	-	-	-	107	58	165	-	-	-	-	-	-	508	-	
17:45	2	57	130	-	189	-	-	32	-	45	77	1	-	-	120	50	170	-	-	-	-	-	-	436	1	
<b>Total</b>	15	1800	3530	-	5345	-	5	1108	-	1437	2550	1	-	-	2762	1953	4715	92	-	-	-	-	-	12610	93	
<b>% App</b>	0%	34%	66%	-	100%	-	0%	43%	-	56%	100%	-	-	-	59%	41%	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	0%	14%	28%	-	42%	-	0%	9%	-	11%	20%	1%	-	-	22%	15%	37%	99%	-	-	-	-	-	100%	100%	
<b>Passenger Vehicles</b>	15	1749	3395	-	5159	-	4	1064	-	1394	2462	-	-	-	2696	1884	4580	-	-	-	-	-	-	12201	-	
<b>Passenger Vehicles %</b>	100%	97%	96%	-	97%	-	80%	96%	-	97%	97%	-	-	-	98%	96%	97%	-	-	-	-	-	-	97%	-	
<b>HC Vehicles</b>	-	51	135	-	186	-	1	44	-	43	88	-	-	-	66	69	135	-	-	-	-	-	-	409	-	
<b>HC Vehicles %</b>	-	3%	4%	-	3%	-	20%	4%	-	3%	3%	-	-	-	2%	4%	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 S 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 (7:30AM-8:30AM) at Hopkins Xrd & I-394 S Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 S Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 S 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*		
7:30	1	51	155	-	207	-	1	48	-	49	98	-	-	-	83	104	187	1	-	-	-	-	-	-	492	1
7:45	1	25	150	-	176	-	1	55	-	58	114	-	-	-	113	83	196	1	-	-	-	-	-	-	486	1
8:00	-	45	201	-	246	-	-	39	-	63	102	-	-	-	78	87	165	-	-	-	-	-	-	-	513	-
8:15	-	35	210	-	245	-	-	48	-	61	109	-	-	-	90	61	151	2	-	-	-	-	-	-	505	2
<b>Total</b>	2	156	716	-	874	-	2	190	-	231	423	-	-	-	364	335	699	4	-	-	-	-	-	-	1996	4
<b>% App</b>	0%	18%	82%	-	100%	-	0%	45%	-	55%	100%	-	-	-	52%	48%	100%	-	-	-	-	-	-	-	-	-
<b>% Total</b>	0%	8%	36%	-	44%	-	0%	10%	-	12%	21%	-	-	-	18%	17%	35%	100%	-	-	-	-	-	-	100%	100%
<b>PHF</b>	0.500	0.765	0.852	-	0.888	-	0.500	0.864	-	0.917	0.928	-	-	-	0.805	0.805	0.892	-	-	-	-	-	-	-	0.973	-
<b>Passenger Vehicles</b>	2	143	688	-	833	-	1	186	-	224	411	-	-	-	354	327	681	-	-	-	-	-	-	-	1925	-
<b>Passenger Vehicles %</b>	100%	92%	96%	-	95%	-	50%	98%	-	97%	97%	-	-	-	97%	98%	97%	-	-	-	-	-	-	-	96%	-
<b>HC Vehicles</b>	-	13	28	-	41	-	1	4	-	7	12	-	-	-	10	8	18	-	-	-	-	-	-	-	71	-
<b>HC Vehicles %</b>	-	8%	4%	-	5%	-	50%	2%	-	3%	3%	-	-	-	3%	2%	3%	-	-	-	-	-	-	-	4%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at Hopkins Xrd & I-394 S Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 S Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 S 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	1	68	81	-	150	-	-	24	-	47	71	-	-	-	72	35	107	2	-	-	-	-	-	-	328	2
12:15	-	79	79	-	158	-	-	25	-	58	83	-	-	-	77	45	122	1	-	-	-	-	-	-	363	1
12:30	-	63	73	-	136	-	-	26	-	58	84	-	-	-	70	34	104	-	-	-	-	-	-	-	324	-
12:45	-	66	73	-	139	-	2	30	-	56	88	-	-	-	90	53	143	1	-	-	-	-	-	-	370	1
<b>Total</b>	1	276	306	-	583	-	2	105	-	219	326	-	-	-	309	167	476	4	-	-	-	-	-	-	1385	4
<b>% App</b>	0%	47%	52%	-	100%	-	1%	32%	-	67%	100%	-	-	-	65%	35%	100%	-	-	-	-	-	-	-	-	-
<b>% Total</b>	0%	20%	22%	-	42%	-	0%	8%	-	16%	24%	-	-	-	22%	12%	34%	100%	-	-	-	-	-	-	100%	100%
<b>PHF</b>	0.250	0.873	0.944	-	0.922	-	0.250	0.875	-	0.944	0.926	-	-	-	0.858	0.788	0.832	-	-	-	-	-	-	-	0.936	-
<b>Passenger Vehicles</b>	1	273	299	-	573	-	2	98	-	213	313	-	-	-	301	160	461	-	-	-	-	-	-	-	1347	-
<b>Passenger Vehicles %</b>	100%	99%	98%	-	98%	-	100%	93%	-	97%	96%	-	-	-	97%	96%	97%	-	-	-	-	-	-	-	97%	-
<b>HC Vehicles</b>	-	3	7	-	10	-	-	7	-	6	13	-	-	-	8	7	15	-	-	-	-	-	-	-	38	-
<b>HC Vehicles %</b>	-	1%	2%	-	2%	-	-	7%	-	3%	4%	-	-	-	3%	4%	3%	-	-	-	-	-	-	-	3%	-

All Vehicles_PM Peak (4:15PM-5:15PM) at Hopkins Xrd & I-394 S Ramp																										
Start Time	Hopkins Xrd North Leg (Southbound)						I-394 S Ramp East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						I-394 S 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*		
16:15	1	92	135	-	228	-	-	40	-	46	86	-	-	-	152	73	225	-	-	-	-	-	-	-	539	-
16:30	2	75	147	-	224	-	-	25	-	43	68	-	-	-	132	61	193	-	-	-	-	-	-	-	485	-
16:45	-	80	136	-	216	-	-	35	-	39	74	-	-	-	137	74	211	-	-	-	-	-	-	-	501	-
17:00	2	97	152	-	251	-	-	31	-	44	75	-	-	-	149	106	255	-	-	-	-	-	-	-	581	-
<b>Total</b>	5	344	570	-	919	-	-	131	-	172	303	-	-	-	570	314	884	-	-	-	-	-	-	-	2106	-
<b>% App</b>	1%	37%	62%	-	100%	-	-	43%	-	57%	100%	-	-	-	64%	36%	100%	-	-	-	-	-	-	-	-	-
<b>% Total</b>	0%	16%	27%	-	44%	-	-	6%	-	8%	14%	-	-	-	27%	15%	42%	-	-	-	-	-	-	-	100%	-
<b>PHF</b>	0.625	0.887	0.938	-	0.915	-	-	0.819	-	0.935	0.881	-	-	-	0.938	0.741	0.867	-	-	-	-	-	-	-	0.906	-
<b>Passenger Vehicles</b>	5	341	557	-	903	-	-	128	-	164	292	-	-	-	565	305	870	-	-	-	-	-	-	-	2065	-
<b>Passenger Vehicles %</b>	100%	99%	98%	-	98%	-	-	98%	-	95%	96%	-	-	-	99%	97%	98%	-	-	-	-	-	-	-	98%	-
<b>HC Vehicles</b>	-	3	13	-	16	-	-	3	-	8	11	-	-	-	5	9	14	-	-	-	-	-	-	-	41	-
<b>HC Vehicles %</b>	-	1%	2%	-	2%	-	-	2%	-	5%	4%	-	-	-	1%	3%	2%	-	-	-	-	-	-	-	2%	-

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 S 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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