

# Intersection Traffic Counts

Intersection: Hopkins Xrd & N Frontage 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 & N Frontage Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						N Frontage Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						N Frontage 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	-	-	16	-	16	-	-	5	-	-	5	-	-	4	12	10	26	-	-	3	-	2	5	-	52	-
6:15	-	1	28	2	31	-	-	3	1	3	7	-	-	9	23	22	54	-	-	1	1	8	10	1	102	1
6:30	-	1	35	3	39	-	-	5	3	1	9	-	-	5	21	30	56	-	-	3	-	4	7	-	111	-
6:45	-	4	43	7	54	-	-	6	5	4	15	-	-	14	36	31	81	-	-	1	5	14	20	-	170	-
7:00	-	3	65	9	77	-	-	12	5	3	20	-	-	12	33	47	92	-	-	6	9	7	22	-	211	-
7:15	-	4	99	10	113	4	-	13	6	2	21	-	-	15	57	65	137	-	-	1	6	14	21	1	292	5
7:30	-	6	111	6	123	-	-	17	9	8	34	-	-	16	63	75	154	-	-	10	13	15	38	-	349	-
7:45	-	11	103	15	129	-	-	11	18	5	34	-	-	23	66	101	190	-	-	5	15	13	33	-	386	-
8:00	-	12	127	12	151	2	-	15	9	8	32	-	1	25	88	101	215	-	-	10	13	14	37	-	435	2
8:15	-	13	173	20	206	-	-	16	5	2	23	-	-	22	62	84	168	-	-	8	14	11	33	1	430	1
8:30	-	8	149	17	174	2	-	19	7	1	27	-	1	29	65	90	185	-	-	10	11	13	34	1	420	3
8:45	-	14	97	22	133	-	-	4	11	1	16	-	-	28	56	73	157	-	-	7	6	16	29	-	335	-
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	1	35	28	64	5	-	15	18	4	37	-	-	75	42	28	145	-	-	9	12	52	73	-	319	5
11:15	-	3	39	16	58	2	-	10	20	2	32	-	1	112	54	32	199	-	-	13	14	46	73	-	362	2
11:30	-	3	62	25	90	4	-	29	26	11	66	-	1	88	43	41	173	-	-	11	10	61	82	2	411	6
11:45	-	1	30	30	61	3	-	47	42	6	95	-	2	93	61	22	178	-	-	21	15	62	98	-	432	3
12:00	-	3	54	22	79	4	-	34	29	8	71	-	1	97	49	34	181	-	-	14	21	53	88	2	419	6
12:15	-	1	55	20	76	3	-	27	20	4	51	-	-	84	44	32	160	-	-	19	16	64	99	-	386	3
12:30	-	3	45	24	72	4	-	21	23	4	48	-	-	81	47	31	159	-	-	20	14	66	100	1	379	5
12:45	-	4	33	25	62	-	-	20	25	4	49	-	1	69	64	55	189	-	-	17	22	75	114	-	414	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	2	34	16	52	-	-	39	21	8	68	-	-	80	54	18	152	-	-	20	14	57	91	-	363	-
15:15	-	-	31	20	51	1	-	23	13	7	43	-	-	82	53	18	153	-	-	18	10	68	96	-	343	1
15:30	-	1	29	15	45	2	-	41	25	8	74	-	-	85	67	26	178	-	-	15	10	56	81	2	378	4
15:45	-	1	43	23	67	-	-	31	23	11	65	-	-	95	87	25	207	-	-	20	7	44	71	1	410	1
16:00	-	1	49	36	86	4	-	50	33	14	97	-	2	101	95	32	230	-	-	29	11	53	93	1	506	5
16:15	-	2	69	36	107	3	-	31	30	12	73	-	-	88	115	16	219	-	-	20	13	65	98	1	497	4
16:30	-	4	70	28	102	3	-	49	46	15	110	-	1	86	93	28	208	-	-	17	16	61	94	-	514	3
16:45	-	5	68	34	107	1	-	64	68	16	148	-	1	69	87	30	187	-	-	15	13	39	67	1	509	2
17:00	-	3	73	31	107	3	-	70	70	17	157	-	-	85	107	22	214	-	-	16	17	53	86	2	564	5
17:15	-	6	82	44	132	-	-	56	72	20	148	-	1	80	111	28	220	-	-	17	21	69	107	-	607	-
17:30	-	4	59	34	97	-	-	30	34	7	71	-	1	84	83	33	201	-	-	19	11	69	99	-	468	-
17:45	-	2	60	28	90	1	-	27	25	17	69	1	-	86	86	31	203	-	-	14	15	48	77	-	439	2
<b>Total</b>	-	127	2066	658	2851	51	-	840	742	233	1815	1	14	1922	2024	1311	5271	-	-	409	375	1292	2076	17	12013	69
<b>% App</b>	-	4%	72%	23%	100%	-	-	46%	41%	13%	100%	-	0%	36%	38%	25%	100%	-	-	20%	18%	62%	100%	-	-	-
<b>% Total</b>	-	1%	17%	5%	24%	74%	-	7%	6%	2%	15%	1%	0%	16%	17%	11%	44%	-	-	3%	3%	11%	17%	25%	100%	100%
<b>Passenger Vehicles</b>	-	122	1977	649	2748	-	-	831	734	228	1793	-	14	1885	1947	1280	5126	-	-	405	374	1261	2040	-	11707	-
<b>Passenger Vehicles %</b>	-	96%	96%	99%	96%	-	-	99%	99%	98%	99%	-	100%	98%	96%	98%	97%	-	-	99%	100%	98%	98%	-	97%	-
<b>HC Vehicles</b>	-	5	89	9	103	-	-	9	8	5	22	-	-	37	77	31	145	-	-	4	1	31	36	-	306	-
<b>HC Vehicles %</b>	-	4%	4%	1%	4%	-	-	1%	1%	2%	1%	-	-	2%	4%	2%	3%	-	-	1%	0%	2%	2%	-	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 & N Frontage Rd

Prepared by: Associated Consulting Services LLC

Start Date: Tue, Oct 2, 2018

www.acsteam.com

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

(612) 568-3227

All Vehicles_AM Peak (7:45AM-8:45AM) at Hopkins Xrd & N Frontage Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						N Frontage Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						N Frontage 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	-	11	103	15	129	-	-	11	18	5	34	-	-	23	66	101	190	-	-	5	15	13	33		
8:00	-	12	127	12	151	2	-	15	9	8	32	-	1	25	88	101	215	-	-	10	13	14	37	-	435	2
8:15	-	13	173	20	206	-	-	16	5	2	23	-	-	22	62	84	168	-	-	8	14	11	33	1	430	1
8:30	-	8	149	17	174	2	-	19	7	1	27	-	1	29	65	90	185	-	-	10	11	13	34	1	420	3
<b>Total</b>	-	44	552	64	660	4	-	61	39	16	116	-	2	99	281	376	758	-	-	33	53	51	137	2	1671	6
<b>% App</b>	-	7%	84%	10%	100%	-	-	53%	34%	14%	100%	-	0%	13%	37%	50%	100%	-	-	24%	39%	37%	100%	-	-	-
<b>% Total</b>	-	3%	33%	4%	39%	67%	-	4%	2%	1%	7%	-	0%	6%	17%	23%	45%	-	-	2%	3%	3%	8%	33%	100%	100%
<b>PHF</b>	-	0.846	0.798	0.800	0.801	-	-	0.803	0.542	0.500	0.853	-	0.500	0.853	0.798	0.931	0.881	-	-	0.825	0.883	0.911	0.926	-	0.960	-
<b>Passenger Vehicles</b>	-	42	530	60	632	-	-	57	36	15	108	-	2	94	272	370	738	-	-	32	53	47	132	-	1610	-
<b>Passenger Vehicles %</b>	-	95%	96%	94%	96%	-	-	93%	92%	94%	93%	-	100%	95%	97%	98%	97%	-	-	97%	100%	92%	96%	-	96%	-
<b>HC Vehicles</b>	-	2	22	4	28	-	-	4	3	1	8	-	-	5	9	6	20	-	-	1	-	4	5	-	61	-
<b>HC Vehicles %</b>	-	5%	4%	6%	4%	-	-	7%	8%	6%	7%	-	-	5%	3%	2%	3%	-	-	3%	-	8%	4%	-	4%	-

All Vehicles_Midday Peak (11:30AM-12:30PM) at Hopkins Xrd & N Frontage Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						N Frontage Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						N Frontage 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	-	3	62	25	90	4	-	29	26	11	66	-	1	88	43	41	173	-	-	11	10	61	82		
11:45	-	1	30	30	61	3	-	47	42	6	95	-	2	93	61	22	178	-	-	21	15	62	98	-	432	3
12:00	-	3	54	22	79	4	-	34	29	8	71	-	1	97	49	34	181	-	-	14	21	53	88	2	419	6
12:15	-	1	55	20	76	3	-	27	20	4	51	-	-	84	44	32	160	-	-	19	16	64	99	-	386	3
<b>Total</b>	-	8	201	97	306	14	-	137	117	29	283	-	4	362	197	129	692	-	-	65	62	240	367	4	1648	18
<b>% App</b>	-	3%	66%	32%	100%	-	-	48%	41%	10%	100%	-	1%	52%	28%	19%	100%	-	-	18%	17%	65%	100%	-	-	-
<b>% Total</b>	-	0%	12%	6%	19%	78%	-	8%	7%	2%	17%	-	0%	22%	12%	8%	42%	-	-	4%	4%	15%	22%	22%	100%	100%
<b>PHF</b>	-	0.667	0.810	0.808	0.850	-	-	0.729	0.696	0.659	0.745	-	0.500	0.933	0.807	0.787	0.956	-	-	0.774	0.738	0.938	0.927	-	0.954	-
<b>Passenger Vehicles</b>	-	8	193	96	297	-	-	136	116	28	280	-	4	353	188	126	671	-	-	64	62	233	359	-	1607	-
<b>Passenger Vehicles %</b>	-	100%	96%	99%	97%	-	-	99%	99%	97%	99%	-	100%	98%	95%	98%	97%	-	-	98%	100%	97%	98%	-	98%	-
<b>HC Vehicles</b>	-	-	8	1	9	-	-	1	1	1	3	-	-	9	9	3	21	-	-	1	-	7	8	-	41	-
<b>HC Vehicles %</b>	-	-	4%	1%	3%	-	-	1%	1%	3%	1%	-	-	2%	5%	2%	3%	-	-	2%	-	3%	2%	-	2%	-

All Vehicles_PM Peak (4:30PM-5:30PM) at Hopkins Xrd & N Frontage Rd																										
Start Time	Hopkins Xrd North Leg (Southbound)						N Frontage Rd East Leg (Westbound)						Hopkins Xrd South Leg (Northbound)						N Frontage 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	-	4	70	28	102	3	-	49	46	15	110	-	1	86	93	28	208	-	-	17	16	61	94		
16:45	-	5	68	34	107	1	-	64	68	16	148	-	1	69	87	30	187	-	-	15	13	39	67	1	509	2
17:00	-	3	73	31	107	3	-	70	70	17	157	-	-	85	107	22	214	-	-	16	17	53	86	2	564	5
17:15	-	6	82	44	132	-	-	56	72	20	148	-	1	80	111	28	220	-	-	17	21	69	107	-	607	-
<b>Total</b>	-	18	293	137	448	7	-	239	256	68	563	-	3	320	398	108	829	-	-	65	67	222	354	3	2194	10
<b>% App</b>	-	4%	65%	31%	100%	-	-	42%	45%	12%	100%	-	0%	39%	48%	13%	100%	-	-	18%	19%	63%	100%	-	-	-
<b>% Total</b>	-	1%	13%	6%	20%	70%	-	11%	12%	3%	26%	-	0%	15%	18%	5%	38%	-	-	3%	3%	10%	16%	30%	100%	100%
<b>PHF</b>	-	0.750	0.893	0.778	0.848	-	-	0.854	0.889	0.850	0.896	-	0.750	0.930	0.896	0.900	0.942	-	-	0.956	0.798	0.804	0.827	-	0.904	-
<b>Passenger Vehicles</b>	-	18	284	137	439	-	-	239	255	67	561	-	3	319	386	106	814	-	-	65	67	219	351	-	2165	-
<b>Passenger Vehicles %</b>	-	100%	97%	100%	98%	-	-	100%	100%	99%	100%	-	100%	100%	97%	98%	98%	-	-	100%	100%	99%	99%	-	99%	-
<b>HC Vehicles</b>	-	-	9	-	9	-	-	-	1	1	2	-	-	1	12	2	15	-	-	-	-	3	3	-	29	-
<b>HC Vehicles %</b>	-	-	3%	-	2%	-	-	-	0%	1%	0%	-	-	0%	3%	2%	2%	-	-	-	-	1%	1%	-	1%	-

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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 & N Frontage 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

