

Intersection Traffic Counts

Intersection: Ridgedale Dr & Cartway Ln

Start Date: Wed, Mar 13, 2019

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 Ridgedale Dr & Cartway Ln																											
Start Time	Ridgedale Dr North Leg (Southbound)						Cartway Ln East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Cartway Ln 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	-	2	-	-	2	-	1	3	-	-	1	-	4	5	-	-	-	3	1	4	-	14	-	
6:15	-	-	2	-	2	-	-	1	2	-	3	-	-	2	-	3	5	-	-	-	1	2	3	-	13	-	
6:30	-	2	2	-	4	-	-	5	7	-	12	-	-	3	1	8	12	-	-	-	5	4	9	-	37	-	
6:45	-	-	2	-	2	-	-	5	5	-	10	-	-	-	1	15	16	-	-	-	5	1	6	-	34	-	
7:00	-	-	6	-	6	-	-	6	5	-	11	-	-	4	1	11	16	1	-	-	4	2	6	-	39	1	
7:15	-	2	2	-	4	-	-	2	3	1	6	-	-	3	5	13	21	-	-	-	5	1	6	-	37	-	
7:30	-	1	9	-	10	-	-	5	7	-	12	-	-	8	6	15	29	-	-	-	2	2	4	-	55	-	
7:45	-	2	4	-	6	-	-	10	12	2	24	-	-	4	6	20	30	-	-	-	5	7	12	-	72	-	
8:00	-	1	4	-	5	-	-	5	5	3	13	-	-	9	6	14	29	-	-	-	11	5	16	-	63	-	
8:15	-	-	4	1	5	-	-	7	7	4	18	-	-	9	6	15	30	1	-	-	11	7	18	-	71	1	
8:30	-	-	5	-	5	-	-	9	8	7	24	-	-	5	6	13	24	-	-	-	13	11	24	-	77	-	
8:45	-	2	5	-	7	-	-	15	8	3	26	-	-	11	11	11	33	-	-	-	1	8	9	18	-	84	-
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	5	10	1	16	-	-	16	16	15	47	-	-	21	9	20	50	-	-	-	2	15	16	33	-	146	-
11:15	-	15	15	1	31	-	-	21	12	13	46	-	-	1	26	7	25	59	-	-	3	22	18	43	-	179	-
11:30	-	12	12	1	25	-	-	18	28	10	56	-	-	26	12	25	63	-	-	-	2	29	17	48	-	192	-
11:45	-	8	17	2	27	-	-	25	16	15	56	-	-	20	16	9	45	-	-	-	4	30	24	58	-	186	-
12:00	-	9	15	2	26	-	-	30	23	9	62	-	-	38	11	25	74	-	-	-	2	34	18	54	-	216	-
12:15	-	11	15	3	29	1	-	24	17	16	57	-	-	29	15	33	77	1	-	-	29	26	55	-	218	2	
12:30	-	8	12	-	20	-	-	29	13	19	61	-	-	21	16	26	63	-	-	-	1	33	29	63	-	207	-
12:45	-	8	9	1	18	-	-	28	14	7	49	-	-	27	11	20	58	1	-	-	3	20	25	48	-	173	1
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	7	13	1	21	-	-	16	17	16	49	1	-	14	6	14	34	2	-	-	1	23	20	44	-	148	3
15:15	-	8	7	-	15	-	-	13	16	13	42	-	-	1	11	12	18	42	-	-	-	19	21	40	-	139	-
15:30	-	9	14	-	23	-	-	15	14	13	42	-	-	14	15	17	46	-	-	-	2	27	20	49	-	160	-
15:45	-	9	15	1	25	-	-	14	17	14	45	2	-	21	17	17	55	2	-	-	20	23	43	1	168	5	
16:00	-	12	9	1	22	-	-	21	16	17	54	-	-	20	12	19	51	-	-	-	3	21	21	45	-	172	-
16:15	-	12	15	-	27	-	-	14	15	17	46	-	-	22	13	21	56	1	-	-	1	21	29	51	-	180	1
16:30	-	6	11	-	17	-	1	18	22	15	56	-	-	25	13	21	59	-	-	-	-	31	24	55	-	187	-
16:45	-	12	11	1	24	-	-	24	13	8	45	-	-	26	13	9	48	-	-	-	2	18	25	45	-	162	-
17:00	-	6	9	1	16	-	-	22	23	14	59	-	-	27	18	26	71	-	-	-	-	31	19	50	-	196	-
17:15	-	7	18	-	25	-	1	18	17	15	51	-	-	14	15	15	44	-	-	-	1	29	25	55	-	175	-
17:30	-	9	14	1	24	-	-	21	15	12	48	-	-	22	19	19	60	-	-	-	1	27	12	40	-	172	-
17:45	-	6	9	-	15	-	-	26	14	11	51	-	-	16	15	14	45	1	-	-	-	26	21	47	-	158	1
Total	-	189	297	18	504	1	2	485	407	290	1184	3	2	499	314	535	1350	10	-	-	29	578	485	1092	1	4130	15
% App	-	38%	59%	4%	100%	-	0%	41%	34%	24%	100%	-	0%	37%	23%	40%	100%	-	-	-	3%	53%	44%	100%	-	-	-
% Total	-	5%	7%	0%	12%	7%	0%	12%	10%	7%	29%	20%	0%	12%	8%	13%	33%	67%	-	-	1%	14%	12%	26%	7%	100%	100%
Passenger Vehicles	-	185	283	18	486	-	2	473	393	286	1154	-	2	498	302	518	1320	-	-	-	28	560	472	1060	-	4020	-
Passenger Vehicles %	-	98%	95%	100%	96%	-	100%	98%	97%	99%	97%	-	100%	100%	96%	97%	98%	-	-	-	97%	97%	97%	97%	-	97%	-
HC Vehicles	-	4	14	-	18	-	-	12	14	4	30	-	-	1	12	17	30	-	-	-	1	18	13	32	-	110	-
HC Vehicles %	-	2%	5%	-	4%	-	-	2%	3%	1%	3%	-	-	0%	4%	3%	2%	-	-	-	3%	3%	3%	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: Ridgedale Dr & Cartway Ln

Start Date: Wed, Mar 13, 2019

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

Prepared by: Associated Consulting Services LLC

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All Vehicles_AM Peak (8:00AM-9:00AM) at Ridgedale Dr & Cartway Ln																											
Start Time	Ridgedale Dr North Leg (Southbound)						Cartway Ln East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Cartway Ln 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*			
	8:00	-	1	4	-	5	-	-	5	5	3	13	-	-	9	6	14	29	-	-	-	11	5	16			-
8:15	-	-	4	1	5	-	-	7	7	4	18	-	-	9	6	15	30	1	-	-	11	7	18	-	71	1	
8:30	-	-	5	-	5	-	-	9	8	7	24	-	-	5	6	13	24	-	-	-	13	11	24	-	77	-	
8:45	-	2	5	-	7	-	-	15	8	3	26	-	-	11	11	11	33	-	-	-	1	8	9	18	-	84	-
Total	-	3	18	1	22	-	-	36	28	17	81	-	-	34	29	53	116	1	-	-	1	43	32	76	-	295	1
% App	-	14%	82%	5%	100%	-	-	44%	35%	21%	100%	-	-	29%	25%	46%	100%	-	-	-	1%	57%	42%	100%	-	-	-
% Total	-	1%	6%	0%	7%	-	-	12%	9%	6%	27%	-	-	12%	10%	18%	39%	100%	-	-	0%	15%	11%	26%	-	100%	100%
PHF	-	0.375	0.900	0.250	0.786	-	-	0.600	0.875	0.607	0.779	-	-	0.773	0.659	0.883	0.879	-	-	-	0.250	0.827	0.727	0.792	-	0.878	-
Passenger Vehicles	-	3	17	1	21	-	-	35	23	16	74	-	-	34	26	52	112	-	-	-	1	37	29	67	-	274	-
Passenger Vehicles %	-	100%	94%	100%	95%	-	-	97%	82%	94%	91%	-	-	100%	90%	98%	97%	-	-	-	100%	86%	91%	88%	-	93%	-
HC Vehicles	-	-	1	-	1	-	-	1	5	1	7	-	-	-	3	1	4	-	-	-	-	6	3	9	-	21	-
HC Vehicles %	-	-	6%	-	5%	-	-	3%	18%	6%	9%	-	-	-	10%	2%	3%	-	-	-	-	14%	9%	12%	-	7%	-

All Vehicles_Midday Peak (11:45AM-12:45PM) at Ridgedale Dr & Cartway Ln																											
Start Time	Ridgedale Dr North Leg (Southbound)						Cartway Ln East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Cartway Ln 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*			
	11:45	-	8	17	2	27	-	-	25	16	15	56	-	-	20	16	9	45	-	-	-	4	30	24			58
12:00	-	9	15	2	26	-	-	30	23	9	62	-	-	38	11	25	74	-	-	-	2	34	18	54	-	216	-
12:15	-	11	15	3	29	1	-	24	17	16	57	-	-	29	15	33	77	1	-	-	-	29	26	55	-	218	2
12:30	-	8	12	-	20	-	-	29	13	19	61	-	-	21	16	26	63	-	-	-	1	33	29	63	-	207	-
Total	-	36	59	7	102	1	-	108	69	59	236	-	-	108	58	93	259	1	-	-	7	126	97	230	-	827	2
% App	-	35%	58%	7%	100%	-	-	46%	29%	25%	100%	-	-	42%	22%	36%	100%	-	-	-	3%	55%	42%	100%	-	-	-
% Total	-	4%	7%	1%	12%	50%	-	13%	8%	7%	29%	-	-	13%	7%	11%	31%	50%	-	-	1%	15%	12%	28%	-	100%	100%
PHF	-	0.818	0.868	0.583	0.879	-	-	0.900	0.750	0.776	0.952	-	-	0.711	0.906	0.705	0.841	-	-	-	0.438	0.926	0.836	0.913	-	0.948	-
Passenger Vehicles	-	36	56	7	99	-	-	104	68	57	229	-	-	107	57	89	253	-	-	-	7	122	93	222	-	803	-
Passenger Vehicles %	-	100%	95%	100%	97%	-	-	96%	99%	97%	97%	-	-	99%	98%	96%	98%	-	-	-	100%	97%	96%	97%	-	97%	-
HC Vehicles	-	-	3	-	3	-	-	4	1	2	7	-	-	1	1	4	6	-	-	-	-	4	4	8	-	24	-
HC Vehicles %	-	-	5%	-	3%	-	-	4%	1%	3%	3%	-	-	1%	2%	4%	2%	-	-	-	-	3%	4%	3%	-	3%	-

All Vehicles_PM Peak (4:15PM-5:15PM) at Ridgedale Dr & Cartway Ln																											
Start Time	Ridgedale Dr North Leg (Southbound)						Cartway Ln East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Cartway Ln 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	-	12	15	-	27	-	-	14	15	17	46	-	-	22	13	21	56	1	-	-	1	21	29			51
16:30	-	6	11	-	17	-	1	18	22	15	56	-	-	25	13	21	59	-	-	-	-	31	24	55	-	187	-
16:45	-	12	11	1	24	-	-	24	13	8	45	-	-	26	13	9	48	-	-	-	2	18	25	45	-	162	-
17:00	-	6	9	1	16	-	-	22	23	14	59	-	-	27	18	26	71	-	-	-	-	31	19	50	-	196	-
Total	-	36	46	2	84	-	1	78	73	54	206	-	-	100	57	77	234	1	-	-	3	101	97	201	-	725	1
% App	-	43%	55%	2%	100%	-	0%	38%	35%	26%	100%	-	-	43%	24%	33%	100%	-	-	-	1%	50%	48%	100%	-	-	-
% Total	-	5%	6%	0%	12%	-	0%	11%	10%	7%	28%	-	-	14%	8%	11%	32%	100%	-	-	0%	14%	13%	28%	-	100%	100%
PHF	-	0.750	0.767	0.500	0.778	-	0.250	0.813	0.793	0.794	0.873	-	-	0.926	0.792	0.740	0.824	-	-	-	0.375	0.815	0.836	0.914	-	0.925	-
Passenger Vehicles	-	34	44	2	80	-	1	77	73	54	205	-	-	100	55	77	232	-	-	-	3	101	96	200	-	717	-
Passenger Vehicles %	-	94%	96%	100%	95%	-	100%	99%	100%	100%	100%	-	-	100%	96%	100%	99%	-	-	-	100%	100%	99%	100%	-	99%	-
HC Vehicles	-	2	2	-	4	-	-	1	-	-	1	-	-	-	2	-	2	-	-	-	-	-	1	1	-	8	-
HC Vehicles %	-	6%	4%	-	5%	-	-	1%	-	-	0%	-	-	-	4%	-	1%	-	-	-	-	-	1%	0%	-	1%	-

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Intersection Traffic Counts

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

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