

Intersection Traffic Counts

Intersection: Ridgedale Dr & S Frontage Rd

Start Date: Tue, Sep 11, 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 Ridgedale Dr & S Frontage Rd																											
Start Time	Ridgedale Dr North Leg (Southbound)						S Frontage Rd East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						S 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	-	4	18	7	29	-	-	2	1	2	5	-	-	-	12	9	21	-	-	1	-	1	2	-	57	-	
6:15	-	4	20	10	34	-	-	4	-	1	5	-	-	-	10	5	15	-	-	1	-	-	1	-	55	-	
6:30	-	3	17	14	34	-	-	6	-	2	8	-	-	-	16	7	23	1	-	-	-	-	-	-	65	1	
6:45	-	9	38	17	64	-	-	3	2	2	7	-	-	-	38	13	51	-	-	3	-	-	3	-	125	-	
7:00	1	18	48	13	80	-	-	7	-	4	11	-	-	-	40	18	58	-	-	2	1	-	3	-	152	-	
7:15	-	31	56	17	104	-	-	4	2	8	14	-	-	-	40	25	65	1	-	4	1	-	5	1	188	2	
7:30	-	32	76	16	124	-	-	7	2	4	13	3	-	-	52	19	71	3	-	3	-	-	3	-	211	6	
7:45	-	24	74	22	120	-	-	9	3	6	18	-	-	-	42	14	56	2	-	4	4	-	8	2	202	4	
8:00	-	11	59	18	88	-	-	7	-	2	9	-	-	-	33	13	46	-	-	2	1	-	3	-	146	-	
8:15	-	7	64	17	88	1	-	15	2	5	22	1	-	-	37	12	49	-	-	3	3	2	8	1	167	3	
8:30	1	9	67	20	97	-	-	12	3	4	19	-	1	2	45	8	56	1	-	2	-	-	2	1	174	2	
8:45	-	8	99	24	131	-	-	14	4	4	22	-	-	2	55	11	68	-	-	3	-	-	3	-	224	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	-	91	83	174	-	-	18	13	3	34	-	-	1	63	12	76	-	-	22	3	2	27	-	311	-	
11:15	-	2	97	101	200	-	-	14	12	2	28	-	-	2	79	20	101	-	-	33	5	1	39	-	368	-	
11:30	-	4	74	85	163	-	-	17	10	5	32	-	-	2	58	22	82	-	-	17	2	2	21	-	298	-	
11:45	-	2	85	86	173	-	-	21	13	7	41	-	-	3	64	23	90	-	-	18	3	3	24	-	328	-	
12:00	-	3	84	76	163	-	-	21	14	4	39	-	-	-	73	15	88	-	-	26	3	9	38	-	328	-	
12:15	-	-	84	90	174	-	-	13	10	6	29	-	-	2	93	23	118	-	-	28	7	6	41	1	362	1	
12:30	-	6	75	67	148	-	-	17	12	5	34	-	-	2	82	22	106	-	-	33	12	6	51	-	339	-	
12:45	-	5	77	79	161	-	-	19	11	2	32	-	-	2	86	17	105	-	-	36	7	3	46	-	344	-	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	2	61	58	121	-	-	18	10	4	32	-	-	1	82	12	95	-	-	19	6	6	31	-	279	-	
15:15	-	1	64	55	120	-	-	20	6	10	36	-	-	1	70	15	86	-	-	24	11	10	45	-	287	-	
15:30	1	1	60	63	125	-	-	19	11	7	37	-	-	-	73	11	84	-	-	33	10	6	49	-	295	-	
15:45	1	4	84	77	166	-	-	21	9	8	38	-	-	3	64	14	81	-	-	33	5	8	46	-	331	-	
16:00	-	-	80	57	137	-	-	29	9	19	57	-	-	1	85	13	99	-	-	37	3	5	45	-	338	-	
16:15	-	3	90	50	143	3	-	30	13	17	60	-	-	1	79	12	92	-	-	24	6	8	38	-	333	3	
16:30	-	3	79	53	135	-	-	24	19	19	62	-	-	2	82	18	102	-	-	16	10	6	32	-	331	-	
16:45	-	6	89	66	161	-	-	36	17	20	73	-	-	1	81	18	100	-	-	29	13	5	47	-	381	-	
17:00	-	2	99	66	167	-	-	30	15	12	57	-	-	1	119	21	141	-	-	35	7	3	45	-	410	-	
17:15	1	3	77	77	158	-	-	37	23	24	84	-	-	2	117	21	140	1	-	19	8	5	32	1	414	2	
17:30	-	4	88	75	167	-	-	36	17	22	75	-	-	1	95	22	118	-	-	40	4	6	50	-	410	-	
17:45	-	5	66	75	146	-	-	28	16	16	60	-	-	5	74	15	94	-	-	22	11	4	37	-	337	-	
Total	5	216	2240	1634	4095	4	-	558	279	256	1093	4	1	37	2039	500	2577	9	-	572	146	107	825	7	8590	24	
% App	0%	5%	55%	40%	100%	-	-	51%	26%	23%	100%	-	0%	1%	79%	19%	100%	-	-	69%	18%	13%	100%	-	-	-	
% Total	0%	3%	26%	19%	48%	17%	-	6%	3%	3%	13%	17%	0%	0%	24%	6%	30%	38%	-	7%	2%	1%	10%	29%	100%	100%	
Passenger Vehicles	5	211	2218	1585	4019	-	-	556	276	196	1028	-	1	37	2009	491	2538	-	-	540	142	105	787	-	8372	-	
Passenger Vehicles %	100%	98%	99%	97%	98%	-	-	100%	99%	77%	94%	-	100%	100%	99%	98%	98%	-	-	94%	97%	98%	95%	-	97%	-	
HC Vehicles	-	5	22	49	76	-	-	2	3	60	65	-	-	-	30	9	39	-	-	32	4	2	38	-	218	-	
HC Vehicles %	-	2%	1%	3%	2%	-	-	0%	1%	23%	6%	-	-	-	1%	2%	2%	-	-	6%	3%	2%	5%	-	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 & S Frontage Rd

Start Date: Tue, Sep 11, 2018

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

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All Vehicles_AM Peak (7:00AM-8:00AM) at Ridgedale Dr & S Frontage Rd																										
Start Time	Ridgedale Dr North Leg (Southbound)						S Frontage Rd East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						S 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*		
	7:00	1	18	48	13	80	-	-	7	-	4	11	-	-	-	40	18	58	-	-	2	1	-	3		
7:15	-	31	56	17	104	-	-	4	2	8	14	-	-	-	40	25	65	1	-	4	1	-	5	1	188	2
7:30	-	32	76	16	124	-	-	7	2	4	13	3	-	-	52	19	71	3	-	3	-	-	3	-	211	6
7:45	-	24	74	22	120	-	-	9	3	6	18	-	-	-	42	14	56	2	-	4	4	-	8	2	202	4
Total	1	105	254	68	428	-	-	27	7	22	56	3	-	-	174	76	250	6	-	13	6	-	19	3	753	12
% App	0%	25%	59%	16%	100%	-	-	48%	13%	39%	100%	-	-	-	70%	30%	100%	-	-	68%	32%	-	100%	-	-	-
% Total	0%	14%	34%	9%	57%	-	-	4%	1%	3%	7%	25%	-	-	23%	10%	33%	50%	-	2%	1%	-	3%	25%	100%	100%
PHF	0.250	0.820	0.836	0.773	0.863	-	-	0.750	0.583	0.688	0.778	-	-	-	0.837	0.760	0.880	-	-	0.813	0.375	-	0.594	-	0.892	-
Passenger Vehicles	1	104	252	54	411	-	-	27	7	10	44	-	-	-	168	75	243	-	-	8	5	-	13	-	711	-
Passenger Vehicles %	100%	99%	99%	79%	96%	-	-	100%	100%	45%	79%	-	-	-	97%	99%	97%	-	-	62%	83%	-	68%	-	94%	-
HC Vehicles	-	1	2	14	17	-	-	-	-	12	12	-	-	-	6	1	7	-	-	5	1	-	6	-	42	-
HC Vehicles %	-	1%	1%	21%	4%	-	-	-	-	55%	21%	-	-	-	3%	1%	3%	-	-	38%	17%	-	32%	-	6%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at Ridgedale Dr & S Frontage Rd																											
Start Time	Ridgedale Dr North Leg (Southbound)						S Frontage Rd East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						S 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*			
	12:00	-	3	84	76	163	-	-	21	14	4	39	-	-	-	73	15	88	-	-	26	3	9	38			-
12:15	-	-	84	90	174	-	-	13	10	6	29	-	-	-	2	93	23	118	-	-	28	7	6	41	1	362	1
12:30	-	6	75	67	148	-	-	17	12	5	34	-	-	-	2	82	22	106	-	-	33	12	6	51	-	339	-
12:45	-	5	77	79	161	-	-	19	11	2	32	-	-	-	2	86	17	105	-	-	36	7	3	46	-	344	-
Total	-	14	320	312	646	-	-	70	47	17	134	-	-	-	6	334	77	417	-	-	123	29	24	176	1	1373	1
% App	-	2%	50%	48%	100%	-	-	52%	35%	13%	100%	-	-	-	1%	80%	18%	100%	-	-	70%	16%	14%	100%	-	-	-
% Total	-	1%	23%	23%	47%	-	-	5%	3%	1%	10%	-	-	-	0%	24%	6%	30%	-	-	9%	2%	2%	13%	100%	100%	100%
PHF	-	0.583	0.952	0.867	0.928	-	-	0.833	0.839	0.708	0.859	-	-	-	0.750	0.898	0.837	0.883	-	-	0.854	0.604	0.667	0.863	-	0.948	-
Passenger Vehicles	-	12	317	306	635	-	-	70	47	12	129	-	-	-	6	331	77	414	-	-	116	29	24	169	-	1347	-
Passenger Vehicles %	-	86%	99%	98%	98%	-	-	100%	100%	71%	96%	-	-	-	100%	99%	100%	99%	-	-	94%	100%	100%	96%	-	98%	-
HC Vehicles	-	2	3	6	11	-	-	-	-	5	5	-	-	-	3	-	3	-	-	-	7	-	-	7	-	26	-
HC Vehicles %	-	14%	1%	2%	2%	-	-	-	-	29%	4%	-	-	-	1%	-	1%	-	-	-	6%	-	-	4%	-	2%	-

All Vehicles_PM Peak (4:45PM-5:45PM) at Ridgedale Dr & S Frontage Rd																											
Start Time	Ridgedale Dr North Leg (Southbound)						S Frontage Rd East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						S 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*			
	16:45	-	6	89	66	161	-	-	36	17	20	73	-	-	-	1	81	18	100	-	-	29	13	5			47
17:00	-	2	99	66	167	-	-	30	15	12	57	-	-	-	1	119	21	141	-	-	35	7	3	45	-	410	-
17:15	1	3	77	77	158	-	-	37	23	24	84	-	-	-	2	117	21	140	1	-	19	8	5	32	1	414	2
17:30	-	4	88	75	167	-	-	36	17	22	75	-	-	-	1	95	22	118	-	-	40	4	6	50	-	410	-
Total	1	15	353	284	653	-	-	139	72	78	289	-	-	-	5	412	82	499	1	-	123	32	19	174	1	1615	2
% App	0%	2%	54%	43%	100%	-	-	48%	25%	27%	100%	-	-	-	1%	83%	16%	100%	-	-	71%	18%	11%	100%	-	-	-
% Total	0%	1%	22%	18%	40%	-	-	9%	4%	5%	18%	-	-	-	0%	26%	5%	31%	50%	-	8%	2%	1%	11%	50%	100%	100%
PHF	0.250	0.625	0.891	0.922	0.978	-	-	0.939	0.783	0.813	0.860	-	-	-	0.625	0.866	0.932	0.885	-	-	0.769	0.615	0.792	0.870	-	0.975	-
Passenger Vehicles	1	15	353	282	651	-	-	139	71	68	278	-	-	-	5	409	81	495	-	-	120	31	19	170	-	1594	-
Passenger Vehicles %	100%	100%	100%	99%	100%	-	-	100%	99%	87%	96%	-	-	-	100%	99%	99%	99%	-	-	98%	97%	100%	98%	-	99%	-
HC Vehicles	-	-	-	2	2	-	-	-	1	10	11	-	-	-	3	1	4	-	-	-	3	1	-	4	-	21	-
HC Vehicles %	-	-	-	1%	0%	-	-	-	1%	13%	4%	-	-	-	1%	1%	1%	-	-	-	2%	3%	-	2%	-	1%	-

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Intersection Traffic Counts

Intersection: Ridgedale Dr & S Frontage Rd
Start Date: Tue, Sep 11, 2018
Duration: 6-9,11-13,15-18:00

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