

# Intersection Traffic Counts

**Intersection:** Ridgedale Dr & I-394 North Ramp  
**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 & I-394 North Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 North Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						I-394 North 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	-	-	3	-	3	-	-	20	-	2	22	-	-	-	5	-	5	-	-	-	-	-	-	30	-	
6:15	-	-	10	-	10	-	-	25	-	8	33	-	-	-	6	-	6	-	-	-	-	-	-	49	-	
6:30	-	-	13	-	13	-	-	20	-	11	31	-	-	-	9	-	9	-	-	-	-	-	-	53	-	
6:45	-	-	23	-	23	-	-	41	-	37	78	-	-	-	20	-	20	-	-	-	-	-	-	121	-	
7:00	-	-	32	-	32	-	-	36	-	14	50	-	-	-	18	-	18	-	-	-	-	-	-	100	-	
7:15	-	-	46	-	46	-	-	51	-	17	68	-	-	-	31	-	31	-	-	-	-	-	-	145	-	
7:30	-	-	43	-	43	-	-	48	-	28	76	-	1	-	46	-	47	-	-	-	-	-	-	166	-	
7:45	-	-	38	-	38	-	-	56	-	27	83	-	1	-	46	-	47	-	-	-	-	-	-	168	-	
8:00	1	-	30	-	31	-	-	55	-	15	70	-	-	-	30	-	30	-	-	-	-	-	-	131	-	
8:15	-	-	39	-	39	-	-	61	-	20	81	1	-	-	30	-	30	-	-	-	-	-	-	150	1	
8:30	-	-	36	-	36	-	-	58	-	21	79	-	-	-	31	-	31	-	-	-	-	-	-	146	-	
8:45	-	-	33	-	33	-	-	85	-	26	111	-	-	-	32	-	32	-	-	-	-	-	-	176	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	-	55	-	55	-	-	130	-	35	165	-	-	-	59	-	59	-	-	-	-	-	-	279	-	
11:15	-	-	58	-	58	-	-	137	-	30	167	-	-	-	60	-	60	-	-	-	-	-	-	285	-	
11:30	-	-	65	-	65	-	-	101	-	22	123	-	-	-	56	-	56	-	-	-	-	-	-	244	-	
11:45	-	-	59	-	59	-	-	138	-	24	162	-	-	-	74	-	74	-	-	-	-	-	-	295	-	
12:00	-	-	65	-	65	-	-	113	-	35	148	-	-	-	82	-	82	-	-	-	-	-	-	295	-	
12:15	-	-	55	-	55	-	-	111	-	35	146	-	-	-	94	-	94	-	-	-	-	-	-	295	-	
12:30	-	-	67	-	67	-	-	68	-	48	116	-	1	-	80	-	81	-	-	-	-	-	-	264	-	
12:45	-	-	50	-	50	-	-	120	-	29	149	-	-	-	87	-	87	-	-	-	-	-	-	286	-	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	1	-	41	-	42	-	-	100	-	22	122	-	-	-	60	-	60	-	-	-	-	-	-	224	-	
15:15	-	-	48	-	48	-	-	90	-	29	119	-	-	-	75	-	75	-	-	-	-	-	-	242	-	
15:30	-	-	53	-	53	-	-	93	-	30	123	-	-	-	89	-	89	-	-	-	-	-	-	265	-	
15:45	-	-	45	-	45	-	-	112	-	34	146	-	-	-	87	-	87	-	-	-	-	-	-	278	-	
16:00	-	-	49	-	49	-	-	103	-	21	124	-	-	-	97	-	97	-	-	-	-	-	-	270	-	
16:15	-	-	51	-	51	-	-	98	-	38	136	-	-	-	84	-	84	-	-	-	-	-	-	271	-	
16:30	-	-	67	-	67	-	-	89	-	42	131	-	-	-	79	-	79	-	-	-	-	-	-	277	-	
16:45	-	-	66	-	66	-	-	111	-	35	146	-	1	-	91	-	92	-	-	-	-	-	-	304	-	
17:00	-	-	84	-	84	-	-	104	-	35	139	-	-	-	107	-	107	-	-	-	-	-	-	330	-	
17:15	-	-	59	-	59	-	-	98	-	33	131	-	-	-	109	-	109	-	-	-	-	-	-	299	-	
17:30	-	-	71	-	71	-	-	118	-	27	145	-	-	-	110	-	110	-	-	-	-	-	-	326	-	
17:45	-	-	46	-	46	-	-	102	-	34	136	-	-	-	92	-	92	-	-	-	-	-	-	274	-	
<b>Total</b>	2	-	1500	-	1502	-	-	2692	-	864	3556	1	4	-	1976	-	1980	-	-	-	-	-	-	7038	1	
<b>% App</b>	0%	-	100%	-	100%	-	-	76%	-	24%	100%	-	0%	-	100%	-	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	0%	-	21%	-	21%	-	-	38%	-	12%	51%	100%	0%	-	28%	-	28%	-	-	-	-	-	-	100%	100%	
<b>Passenger Vehicles</b>	2	-	1451	-	1453	-	-	2658	-	846	3504	-	4	-	1917	-	1921	-	-	-	-	-	-	6878	-	
<b>Passenger Vehicles %</b>	100%	-	97%	-	97%	-	-	99%	-	98%	99%	-	100%	-	97%	-	97%	-	-	-	-	-	-	98%	-	
<b>HC Vehicles</b>	-	-	49	-	49	-	-	34	-	18	52	-	-	-	59	-	59	-	-	-	-	-	-	160	-	
<b>HC Vehicles %</b>	-	-	3%	-	3%	-	-	1%	-	2%	1%	-	-	-	3%	-	3%	-	-	-	-	-	-	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:** Ridgedale Dr & I-394 North Ramp  
**Start Date:** Tue, Sep 11, 2018  
**Duration:** 6-9,11-13,15-18:00

**Prepared by:** Associated Consulting Services LLC  
 www.acsteam.com  
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All Vehicles_AM Peak (7:30AM-8:30AM) at Ridgedale Dr & I-394 North Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 North Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						I-394 North 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	-	-	43	-	43	-	-	48	-	28	76	-	1	-	46	-	47	-	-	-	-	-	-	166	-	
7:45	-	-	38	-	38	-	-	56	-	27	83	-	1	-	46	-	47	-	-	-	-	-	-	168	-	
8:00	1	-	30	-	31	-	-	55	-	15	70	-	-	-	30	-	30	-	-	-	-	-	-	131	-	
8:15	-	-	39	-	39	-	-	61	-	20	81	1	-	-	30	-	30	-	-	-	-	-	-	150	1	
<b>Total</b>	1	-	150	-	151	-	-	220	-	90	310	1	2	-	152	-	154	-	-	-	-	-	-	615	1	
<b>% App</b>	1%	-	99%	-	100%	-	-	71%	-	29%	100%	-	1%	-	99%	-	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	0%	-	24%	-	25%	-	-	36%	-	15%	50%	100%	0%	-	25%	-	25%	-	-	-	-	-	-	100%	100%	
<b>PHF</b>	0.250	-	0.872	-	0.878	-	-	0.902	-	0.804	0.934	-	0.500	-	0.826	-	0.819	-	-	-	-	-	-	0.915	-	
<b>Passenger Vehicles</b>	1	-	140	-	141	-	-	212	-	85	297	-	2	-	139	-	141	-	-	-	-	-	-	579	-	
<b>Passenger Vehicles %</b>	100%	-	93%	-	93%	-	-	96%	-	94%	96%	-	100%	-	91%	-	92%	-	-	-	-	-	-	94%	-	
<b>HC Vehicles</b>	-	-	10	-	10	-	-	8	-	5	13	-	-	-	13	-	13	-	-	-	-	-	-	36	-	
<b>HC Vehicles %</b>	-	-	7%	-	7%	-	-	4%	-	6%	4%	-	-	-	9%	-	8%	-	-	-	-	-	-	6%	-	

All Vehicles_Midday Peak (11:45AM-12:45PM) at Ridgedale Dr & I-394 North Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 North Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						I-394 North 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*		
11:45	-	-	59	-	59	-	-	138	-	24	162	-	-	-	74	-	74	-	-	-	-	-	-	295	-	
12:00	-	-	65	-	65	-	-	113	-	35	148	-	-	-	82	-	82	-	-	-	-	-	-	295	-	
12:15	-	-	55	-	55	-	-	111	-	35	146	-	-	-	94	-	94	-	-	-	-	-	-	295	-	
12:30	-	-	67	-	67	-	-	68	-	48	116	-	1	-	80	-	81	-	-	-	-	-	-	264	-	
<b>Total</b>	-	-	246	-	246	-	-	430	-	142	572	-	1	-	330	-	331	-	-	-	-	-	-	1149	-	
<b>% App</b>	-	-	100%	-	100%	-	-	75%	-	25%	100%	-	0%	-	100%	-	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	-	-	21%	-	21%	-	-	37%	-	12%	50%	-	0%	-	29%	-	29%	-	-	-	-	-	-	100%	-	
<b>PHF</b>	-	-	0.918	-	0.918	-	-	0.779	-	0.740	0.883	-	0.250	-	0.878	-	0.880	-	-	-	-	-	-	0.974	-	
<b>Passenger Vehicles</b>	-	-	242	-	242	-	-	426	-	141	567	-	1	-	325	-	326	-	-	-	-	-	-	1135	-	
<b>Passenger Vehicles %</b>	-	-	98%	-	98%	-	-	99%	-	99%	99%	-	100%	-	98%	-	98%	-	-	-	-	-	-	99%	-	
<b>HC Vehicles</b>	-	-	4	-	4	-	-	4	-	1	5	-	-	-	5	-	5	-	-	-	-	-	-	14	-	
<b>HC Vehicles %</b>	-	-	2%	-	2%	-	-	1%	-	1%	1%	-	-	-	2%	-	2%	-	-	-	-	-	-	1%	-	

All Vehicles_PM Peak (4:45PM-5:45PM) at Ridgedale Dr & I-394 North Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 North Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						I-394 North 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*		
16:45	-	-	66	-	66	-	-	111	-	35	146	-	1	-	91	-	92	-	-	-	-	-	-	304	-	
17:00	-	-	84	-	84	-	-	104	-	35	139	-	-	-	107	-	107	-	-	-	-	-	-	330	-	
17:15	-	-	59	-	59	-	-	98	-	33	131	-	-	-	109	-	109	-	-	-	-	-	-	299	-	
17:30	-	-	71	-	71	-	-	118	-	27	145	-	-	-	110	-	110	-	-	-	-	-	-	326	-	
<b>Total</b>	-	-	280	-	280	-	-	431	-	130	561	-	1	-	417	-	418	-	-	-	-	-	-	1259	-	
<b>% App</b>	-	-	100%	-	100%	-	-	77%	-	23%	100%	-	0%	-	100%	-	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	-	-	22%	-	22%	-	-	34%	-	10%	45%	-	0%	-	33%	-	33%	-	-	-	-	-	-	100%	-	
<b>PHF</b>	-	-	0.833	-	0.833	-	-	0.913	-	0.929	0.961	-	0.250	-	0.948	-	0.950	-	-	-	-	-	-	0.954	-	
<b>Passenger Vehicles</b>	-	-	275	-	275	-	-	431	-	130	561	-	1	-	412	-	413	-	-	-	-	-	-	1249	-	
<b>Passenger Vehicles %</b>	-	-	98%	-	98%	-	-	100%	-	100%	100%	-	100%	-	99%	-	99%	-	-	-	-	-	-	99%	-	
<b>HC Vehicles</b>	-	-	5	-	5	-	-	-	-	-	-	-	-	-	5	-	5	-	-	-	-	-	-	10	-	
<b>HC Vehicles %</b>	-	-	2%	-	2%	-	-	-	-	-	-	-	-	-	1%	-	1%	-	-	-	-	-	-	1%	-	

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 & I-394 North Ramp  
**Start Date:** Tue, Sep 11, 2018  
**Duration:** 6-9,11-13,15-18:00

**Prepared by:** Associated Consulting Services LLC  
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