

Intersection Traffic Counts

Intersection: Ridgedale Dr & I-394 South 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 South Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 South Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Wayzata Blvd 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	-	1	22	-	23	-	-	-	-	-	-	-	-	3	13	16	-	-	2	4	6	12	-	51	-	
6:15	-	8	25	-	33	-	-	-	-	-	-	-	-	3	8	11	-	-	3	2	9	14	-	58	-	
6:30	-	11	23	-	34	-	-	-	-	-	-	-	-	5	13	18	-	-	4	-	11	15	-	67	-	
6:45	-	18	44	-	62	-	-	-	-	-	-	-	-	9	34	43	-	-	12	4	22	38	-	143	-	
7:00	-	26	43	-	69	-	-	-	-	-	-	-	-	12	35	47	-	-	7	3	35	45	-	161	-	
7:15	-	33	65	-	98	-	-	-	-	-	-	-	-	17	34	51	-	-	13	6	46	65	1	214	1	
7:30	-	22	68	-	90	-	-	-	-	-	-	-	-	23	36	59	-	-	23	17	55	95	-	244	-	
7:45	-	27	72	-	99	-	-	-	-	-	-	-	-	23	30	53	-	-	21	8	45	74	2	226	2	
8:00	-	27	60	-	87	-	-	-	-	-	-	-	-	11	25	36	-	-	17	2	30	49	-	172	-	
8:15	-	24	75	-	99	-	-	-	-	-	-	1	-	17	26	43	-	-	15	2	16	33	-	175	1	
8:30	-	21	72	-	93	-	-	-	-	-	-	-	-	19	32	51	-	-	12	-	25	37	1	181	1	
8:45	-	22	92	-	114	-	-	-	-	-	-	-	-	21	40	61	-	-	9	3	39	51	-	226	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	1	25	164	-	190	-	-	-	-	-	-	-	-	36	53	89	-	-	21	19	21	61	-	340	-	
11:15	-	24	173	-	197	-	-	-	-	-	-	-	-	38	77	115	-	-	22	22	18	62	3	374	3	
11:30	-	26	140	-	166	-	-	-	-	-	-	-	-	31	51	82	-	-	26	25	26	77	-	325	-	
11:45	-	24	162	-	186	-	-	-	-	-	-	-	-	43	56	99	-	-	39	25	22	86	-	371	-	
12:00	-	32	138	-	170	-	-	-	-	-	-	-	-	43	59	102	-	-	40	23	24	87	-	359	-	
12:15	-	21	152	-	173	-	-	-	-	-	-	-	-	62	68	130	-	-	30	32	25	87	1	390	1	
12:30	-	29	111	-	140	-	-	-	-	-	-	-	-	47	74	121	-	-	36	48	32	116	-	377	-	
12:45	-	24	143	-	167	-	-	-	-	-	-	-	-	48	74	122	-	-	37	44	18	99	2	388	2	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	23	118	-	141	-	-	-	-	-	-	-	-	28	76	104	-	-	31	22	11	64	-	309	-	
15:15	-	26	112	-	138	-	-	-	-	-	-	-	-	42	58	100	-	-	36	28	10	74	-	312	-	
15:30	-	31	109	-	140	-	-	-	-	-	-	-	-	49	68	117	-	-	38	43	15	96	-	353	-	
15:45	-	19	141	-	160	-	-	-	-	-	-	-	-	46	58	104	-	-	40	28	23	91	-	355	-	
16:00	-	28	123	-	151	-	-	-	-	-	-	-	-	62	81	143	-	-	33	36	16	85	-	379	-	
16:15	-	28	124	-	152	-	-	-	-	-	-	-	-	52	68	120	-	-	34	29	16	79	-	351	-	
16:30	-	31	125	-	156	-	-	-	-	-	-	-	-	47	69	116	-	-	33	36	16	85	-	357	-	
16:45	-	29	149	-	178	-	-	-	-	-	-	-	-	60	70	130	-	-	33	27	15	75	-	383	-	
17:00	-	41	140	-	181	-	-	-	-	-	-	-	-	63	100	163	-	-	45	57	18	120	-	464	-	
17:15	-	31	133	-	164	-	-	-	-	-	-	-	-	68	91	159	-	-	34	53	32	119	1	442	1	
17:30	-	32	156	-	188	-	-	-	-	-	-	-	-	70	86	156	-	-	39	42	15	96	2	440	2	
17:45	-	23	131	-	154	-	-	-	-	-	-	-	-	49	65	114	-	-	46	47	12	105	-	373	-	
Total	1	787	3405	-	4193	-	-	-	-	-	-	1	-	1147	1728	2875	-	-	831	737	724	2292	13	9360	14	
% App	0%	19%	81%	-	100%	-	-	-	-	-	-	-	-	40%	60%	100%	-	-	36%	32%	32%	100%	-	-	-	
% Total	0%	8%	36%	-	45%	-	-	-	-	-	7%	-	-	12%	18%	31%	-	-	9%	8%	8%	24%	93%	100%	100%	
Passenger Vehicles	1	764	3346	-	4111	-	-	-	-	-	-	-	-	1101	1652	2753	-	-	818	727	706	2251	-	9115	-	
Passenger Vehicles %	100%	97%	98%	-	98%	-	-	-	-	-	-	-	-	96%	96%	96%	-	-	98%	99%	98%	98%	-	97%	-	
HC Vehicles	-	23	59	-	82	-	-	-	-	-	-	-	-	46	76	122	-	-	13	10	18	41	-	245	-	
HC Vehicles %	-	3%	2%	-	2%	-	-	-	-	-	-	-	-	4%	4%	4%	-	-	2%	1%	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: Ridgedale Dr & I-394 South Ramp

Prepared by: Associated Consulting Services LLC

Start Date: Tue, Sep 11, 2018

www.acsteam.com

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

(612) 568-3227

All Vehicles_AM Peak (7:15AM-8:15AM) at Ridgedale Dr & I-394 South Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 South Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Wayzata Blvd 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*		
7:15	-	33	65	-	98	-	-	-	-	-	-	-	-	17	34	51	-	-	13	6	46	65	1	214	1	
7:30	-	22	68	-	90	-	-	-	-	-	-	-	-	23	36	59	-	-	23	17	55	95	-	244	-	
7:45	-	27	72	-	99	-	-	-	-	-	-	-	-	23	30	53	-	-	21	8	45	74	2	226	2	
8:00	-	27	60	-	87	-	-	-	-	-	-	-	-	11	25	36	-	-	17	2	30	49	-	172	-	
Total	-	109	265	-	374	-	-	-	-	-	-	-	-	74	125	199	-	-	74	33	176	283	3	856	3	
% App	-	29%	71%	-	100%	-	-	-	-	-	-	-	-	37%	63%	100%	-	-	26%	12%	62%	100%	-	-	-	
% Total	-	13%	31%	-	44%	-	-	-	-	-	-	-	-	9%	15%	23%	-	-	9%	4%	21%	33%	100%	100%	100%	
PHF	-	0.826	0.920	-	0.944	-	-	-	-	-	-	-	-	0.804	0.868	0.843	-	-	0.804	0.485	0.800	0.745	-	0.877	-	
Passenger Vehicles	-	104	252	-	356	-	-	-	-	-	-	-	-	67	111	178	-	-	69	30	172	271	-	805	-	
Passenger Vehicles %	-	95%	95%	-	95%	-	-	-	-	-	-	-	-	91%	89%	89%	-	-	93%	91%	98%	96%	-	94%	-	
HC Vehicles	-	5	13	-	18	-	-	-	-	-	-	-	-	7	14	21	-	-	5	3	4	12	-	51	-	
HC Vehicles %	-	5%	5%	-	5%	-	-	-	-	-	-	-	-	9%	11%	11%	-	-	7%	9%	2%	4%	-	6%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at Ridgedale Dr & I-394 South Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 South Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Wayzata Blvd 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	-	32	138	-	170	-	-	-	-	-	-	-	-	43	59	102	-	-	40	23	24	87	-	359	-	
12:15	-	21	152	-	173	-	-	-	-	-	-	-	-	62	68	130	-	-	30	32	25	87	1	390	1	
12:30	-	29	111	-	140	-	-	-	-	-	-	-	-	47	74	121	-	-	36	48	32	116	-	377	-	
12:45	-	24	143	-	167	-	-	-	-	-	-	-	-	48	74	122	-	-	37	44	18	99	2	388	2	
Total	-	106	544	-	650	-	-	-	-	-	-	-	-	200	275	475	-	-	143	147	99	389	3	1514	3	
% App	-	16%	84%	-	100%	-	-	-	-	-	-	-	-	42%	58%	100%	-	-	37%	38%	25%	100%	-	-	-	
% Total	-	7%	36%	-	43%	-	-	-	-	-	-	-	-	13%	18%	31%	-	-	9%	10%	7%	26%	100%	100%	100%	
PHF	-	0.828	0.895	-	0.939	-	-	-	-	-	-	-	-	0.806	0.929	0.913	-	-	0.894	0.766	0.773	0.838	-	0.971	-	
Passenger Vehicles	-	104	538	-	642	-	-	-	-	-	-	-	-	192	268	460	-	-	143	144	94	381	-	1483	-	
Passenger Vehicles %	-	98%	99%	-	99%	-	-	-	-	-	-	-	-	96%	97%	97%	-	-	100%	98%	95%	98%	-	98%	-	
HC Vehicles	-	2	6	-	8	-	-	-	-	-	-	-	-	8	7	15	-	-	3	5	8	8	-	31	-	
HC Vehicles %	-	2%	1%	-	1%	-	-	-	-	-	-	-	-	4%	3%	3%	-	-	2%	5%	2%	2%	-	2%	-	

All Vehicles_PM Peak (4:45PM-5:45PM) at Ridgedale Dr & I-394 South Ramp																										
Start Time	Ridgedale Dr North Leg (Southbound)						I-394 South Ramp East Leg (Westbound)						Ridgedale Dr South Leg (Northbound)						Wayzata Blvd 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	-	29	149	-	178	-	-	-	-	-	-	-	-	60	70	130	-	-	33	27	15	75	-	383	-	
17:00	-	41	140	-	181	-	-	-	-	-	-	-	-	63	100	163	-	-	45	57	18	120	-	464	-	
17:15	-	31	133	-	164	-	-	-	-	-	-	-	-	68	91	159	-	-	34	53	32	119	1	442	1	
17:30	-	32	156	-	188	-	-	-	-	-	-	-	-	70	86	156	-	-	39	42	15	96	2	440	2	
Total	-	133	578	-	711	-	-	-	-	-	-	-	-	261	347	608	-	-	151	179	80	410	3	1729	3	
% App	-	19%	81%	-	100%	-	-	-	-	-	-	-	-	43%	57%	100%	-	-	37%	44%	20%	100%	-	-	-	
% Total	-	8%	33%	-	41%	-	-	-	-	-	-	-	-	15%	20%	35%	-	-	9%	10%	5%	24%	100%	100%	100%	
PHF	-	0.811	0.926	-	0.945	-	-	-	-	-	-	-	-	0.932	0.868	0.933	-	-	0.839	0.785	0.625	0.854	-	0.932	-	
Passenger Vehicles	-	131	576	-	707	-	-	-	-	-	-	-	-	256	337	593	-	-	151	179	80	410	-	1710	-	
Passenger Vehicles %	-	98%	100%	-	99%	-	-	-	-	-	-	-	-	98%	97%	98%	-	-	100%	100%	100%	100%	-	99%	-	
HC Vehicles	-	2	2	-	4	-	-	-	-	-	-	-	-	5	10	15	-	-	-	-	-	-	-	19	-	
HC Vehicles %	-	2%	0%	-	1%	-	-	-	-	-	-	-	-	2%	3%	2%	-	-	-	-	-	-	-	1%	-	

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
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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: Ridgedale Dr & I-394 South 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

