

# Intersection Traffic Counts

Intersection: Plymouth Rd & Ridgedale Dr

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 Plymouth Rd & Ridgedale Dr																											
Start Time	Plymouth Rd North Leg (Southbound)						Ridgedale Dr East Leg (Westbound)						Plymouth Rd South Leg (Northbound)						Ridgedale Dr 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	3	3	8	-	-	2	5	6	13	-	-	-	17	4	21	-	-	3	2	1	6	-	48	-	
6:15	1	5	14	3	23	-	-	5	3	1	9	-	-	4	16	9	29	-	-	2	3	5	-	66	-		
6:30	1	5	18	5	29	-	-	7	4	4	15	-	-	6	30	13	49	-	-	2	4	1	7	-	100	-	
6:45	-	6	14	4	24	-	-	3	4	5	12	-	-	2	35	20	57	-	-	2	3	3	8	-	101	-	
7:00	-	4	26	5	35	-	-	10	3	5	18	-	-	8	30	27	65	-	-	1	4	6	11	-	129	-	
7:15	1	9	37	6	53	-	-	13	8	7	28	-	-	11	37	27	75	-	-	2	5	6	13	-	169	-	
7:30	-	9	52	2	63	-	-	19	8	13	40	-	-	14	50	29	93	-	-	4	6	8	18	-	214	-	
7:45	-	9	98	6	113	-	-	9	5	11	25	-	-	12	80	34	126	-	-	1	9	8	18	-	282	-	
8:00	4	10	109	4	127	-	-	14	12	10	36	-	-	14	49	25	88	-	-	6	5	9	20	-	271	-	
8:15	-	13	130	18	161	-	-	20	8	12	40	-	-	19	52	34	105	-	-	4	2	6	12	-	318	-	
8:30	1	22	100	8	131	-	-	9	9	14	32	-	1	14	59	32	106	-	-	6	8	6	20	-	289	-	
8:45	-	20	66	8	94	-	-	17	14	9	40	-	-	16	50	50	116	-	-	1	6	12	19	-	269	-	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	1	20	32	13	66	-	-	18	20	42	80	-	1	22	40	24	87	-	-	13	13	18	44	-	277	-	
11:15	1	29	44	12	86	-	-	23	27	48	98	-	-	23	34	27	84	-	-	15	16	13	44	-	312	-	
11:30	1	14	37	14	66	-	-	21	30	21	72	-	1	20	54	19	94	-	-	18	19	21	58	-	290	-	
11:45	2	24	57	8	91	-	-	21	21	47	89	-	1	20	61	19	101	-	-	16	16	22	54	-	335	-	
12:00	5	27	41	16	89	-	-	26	37	33	96	-	-	20	55	19	94	-	-	16	16	15	47	-	326	-	
12:15	2	21	51	21	95	-	-	28	27	38	93	-	-	16	36	26	78	-	-	28	22	25	75	-	341	-	
12:30	1	27	44	16	88	-	-	29	32	46	107	-	-	16	47	24	87	-	-	22	21	33	76	-	358	-	
12:45	1	8	52	15	76	-	-	22	37	45	104	-	-	22	48	24	94	1	-	26	24	20	70	-	344	1	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	11	47	2	60	-	1	21	15	33	70	-	-	10	46	16	72	-	-	14	16	22	52	-	254	-	
15:15	-	13	41	2	56	-	-	31	17	33	81	-	-	12	60	22	94	-	-	13	6	29	48	-	279	-	
15:30	1	13	39	8	61	-	1	24	18	38	81	-	-	22	68	27	117	-	-	12	12	24	48	-	307	-	
15:45	1	13	66	7	87	-	-	28	25	34	87	-	1	22	93	33	149	-	-	9	14	26	49	-	372	-	
16:00	-	15	53	10	78	-	-	45	14	46	105	-	-	23	93	26	142	-	-	14	12	24	50	-	375	-	
16:15	1	29	75	5	110	-	-	38	23	28	89	-	-	22	96	50	168	-	-	7	20	40	67	-	434	-	
16:30	2	13	91	12	118	-	-	42	29	44	115	-	-	29	92	44	165	-	-	11	8	33	52	-	450	-	
16:45	1	16	93	11	121	-	-	52	23	31	106	-	-	28	111	53	192	-	-	17	16	39	72	-	491	-	
17:00	2	25	113	9	149	-	-	53	31	44	128	-	-	22	110	55	187	-	-	10	11	22	43	-	507	-	
17:15	2	27	132	4	165	-	-	57	16	47	120	-	-	29	118	48	195	-	-	19	12	40	71	-	551	-	
17:30	1	15	102	7	125	-	-	48	22	46	116	-	-	36	99	26	161	-	-	18	14	24	56	-	458	-	
17:45	-	20	74	5	99	-	-	37	25	33	95	-	-	31	81	46	158	1	-	18	13	25	56	-	408	1	
<b>Total</b>	<b>33</b>	<b>494</b>	<b>1951</b>	<b>269</b>	<b>2747</b>	<b>-</b>	<b>2</b>	<b>792</b>	<b>572</b>	<b>874</b>	<b>2240</b>	<b>-</b>	<b>5</b>	<b>565</b>	<b>1947</b>	<b>932</b>	<b>3449</b>	<b>2</b>	<b>-</b>	<b>348</b>	<b>357</b>	<b>584</b>	<b>1289</b>	<b>-</b>	<b>9725</b>	<b>2</b>	
<b>% App</b>	<b>1%</b>	<b>18%</b>	<b>71%</b>	<b>10%</b>	<b>100%</b>	<b>-</b>	<b>0%</b>	<b>35%</b>	<b>26%</b>	<b>39%</b>	<b>100%</b>	<b>-</b>	<b>0%</b>	<b>16%</b>	<b>56%</b>	<b>27%</b>	<b>100%</b>	<b>-</b>	<b>-</b>	<b>27%</b>	<b>28%</b>	<b>45%</b>	<b>100%</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>% Total</b>	<b>0%</b>	<b>5%</b>	<b>20%</b>	<b>3%</b>	<b>28%</b>	<b>-</b>	<b>0%</b>	<b>8%</b>	<b>6%</b>	<b>9%</b>	<b>23%</b>	<b>-</b>	<b>0%</b>	<b>6%</b>	<b>20%</b>	<b>10%</b>	<b>35%</b>	<b>100%</b>	<b>-</b>	<b>4%</b>	<b>4%</b>	<b>6%</b>	<b>13%</b>	<b>-</b>	<b>100%</b>	<b>100%</b>	
<b>Passenger Vehicles</b>	<b>33</b>	<b>484</b>	<b>1925</b>	<b>266</b>	<b>2708</b>	<b>-</b>	<b>2</b>	<b>772</b>	<b>557</b>	<b>856</b>	<b>2187</b>	<b>-</b>	<b>5</b>	<b>557</b>	<b>1922</b>	<b>917</b>	<b>3401</b>	<b>-</b>	<b>-</b>	<b>342</b>	<b>333</b>	<b>575</b>	<b>1250</b>	<b>-</b>	<b>9546</b>	<b>-</b>	
<b>Passenger Vehicles %</b>	<b>100%</b>	<b>98%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>-</b>	<b>100%</b>	<b>97%</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>-</b>	<b>100%</b>	<b>99%</b>	<b>99%</b>	<b>98%</b>	<b>99%</b>	<b>-</b>	<b>-</b>	<b>98%</b>	<b>93%</b>	<b>98%</b>	<b>97%</b>	<b>-</b>	<b>98%</b>	<b>-</b>	
<b>HC Vehicles</b>	<b>-</b>	<b>10</b>	<b>26</b>	<b>3</b>	<b>39</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>15</b>	<b>18</b>	<b>53</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>25</b>	<b>15</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>24</b>	<b>9</b>	<b>39</b>	<b>-</b>	<b>179</b>	<b>-</b>	
<b>HC Vehicles %</b>	<b>-</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>	<b>-</b>	<b>-</b>	<b>3%</b>	<b>3%</b>	<b>2%</b>	<b>2%</b>	<b>-</b>	<b>-</b>	<b>1%</b>	<b>1%</b>	<b>2%</b>	<b>1%</b>	<b>-</b>	<b>-</b>	<b>2%</b>	<b>7%</b>	<b>2%</b>	<b>3%</b>	<b>-</b>	<b>2%</b>	<b>-</b>	

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: Plymouth Rd & Ridgedale Dr

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_AM Peak (7:45AM-8:45AM) at Plymouth Rd & Ridgedale Dr																										
Start Time	Plymouth Rd North Leg (Southbound)						Ridgedale Dr East Leg (Westbound)						Plymouth Rd South Leg (Northbound)						Ridgedale Dr 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	-	9	98	6	113	-	-	9	5	11	25	-	-	12	80	34	126	-	-	1	9	8	18	-	282	-
8:00	4	10	109	4	127	-	-	14	12	10	36	-	-	14	49	25	88	-	-	6	5	9	20	-	271	-
8:15	-	13	130	18	161	-	-	20	8	12	40	-	-	19	52	34	105	-	-	4	2	6	12	-	318	-
8:30	1	22	100	8	131	-	-	9	9	14	32	-	1	14	59	32	106	-	-	6	8	6	20	-	289	-
<b>Total</b>	5	54	437	36	532	-	-	52	34	47	133	-	1	59	240	125	425	-	-	17	24	29	70	-	1160	-
<b>% App</b>	1%	10%	82%	7%	100%	-	-	39%	26%	35%	100%	-	0%	14%	56%	29%	100%	-	-	24%	34%	41%	100%	-	-	-
<b>% Total</b>	0%	5%	38%	3%	46%	-	-	4%	3%	4%	11%	-	0%	5%	21%	11%	37%	-	-	1%	2%	3%	6%	-	100%	-
<b>PHF</b>	0.313	0.614	0.840	0.500	0.826	-	-	0.650	0.708	0.839	0.831	-	0.250	0.776	0.750	0.919	0.843	-	-	0.708	0.667	0.806	0.875	-	0.912	-
<b>Passenger Vehicles</b>	5	52	430	35	522	-	-	47	32	44	123	-	1	58	237	124	420	-	-	17	21	27	65	-	1130	-
<b>Passenger Vehicles %</b>	100%	96%	98%	97%	98%	-	-	90%	94%	94%	92%	-	100%	98%	99%	99%	99%	-	-	100%	88%	93%	93%	-	97%	-
<b>HC Vehicles</b>	-	2	7	1	10	-	-	5	2	3	10	-	-	1	3	1	5	-	-	-	3	2	5	-	30	-
<b>HC Vehicles %</b>	-	4%	2%	3%	2%	-	-	10%	6%	6%	8%	-	-	2%	1%	1%	1%	-	-	-	13%	7%	7%	-	3%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at Plymouth Rd & Ridgedale Dr																										
Start Time	Plymouth Rd North Leg (Southbound)						Ridgedale Dr East Leg (Westbound)						Plymouth Rd South Leg (Northbound)						Ridgedale Dr 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	5	27	41	16	89	-	-	26	37	33	96	-	-	20	55	19	94	-	-	16	16	15	47	-	326	-
12:15	2	21	51	21	95	-	-	28	27	38	93	-	-	16	36	26	78	-	-	28	22	25	75	-	341	-
12:30	1	27	44	16	88	-	-	29	32	46	107	-	-	16	47	24	87	-	-	22	21	33	76	-	358	-
12:45	1	8	52	15	76	-	-	22	37	45	104	-	-	22	48	24	94	1	-	26	24	20	70	-	344	1
<b>Total</b>	9	83	188	68	348	-	-	105	133	162	400	-	-	74	186	93	353	1	-	92	83	93	268	-	1369	1
<b>% App</b>	3%	24%	54%	20%	100%	-	-	26%	33%	41%	100%	-	-	21%	53%	26%	100%	-	-	34%	31%	35%	100%	-	-	-
<b>% Total</b>	1%	6%	14%	5%	25%	-	-	8%	10%	12%	29%	-	-	5%	14%	7%	26%	100%	-	7%	6%	7%	20%	-	100%	100%
<b>PHF</b>	0.450	0.769	0.904	0.810	0.916	-	-	0.905	0.899	0.880	0.935	-	-	0.841	0.845	0.894	0.939	-	-	0.821	0.865	0.705	0.882	-	0.956	-
<b>Passenger Vehicles</b>	9	82	184	67	342	-	-	102	131	158	391	-	-	73	183	89	345	-	-	90	80	92	262	-	1340	-
<b>Passenger Vehicles %</b>	100%	99%	98%	99%	98%	-	-	97%	98%	98%	98%	-	-	99%	98%	96%	98%	-	-	98%	96%	99%	98%	-	98%	-
<b>HC Vehicles</b>	-	1	4	1	6	-	-	3	2	4	9	-	-	1	3	4	8	-	-	2	3	1	6	-	29	-
<b>HC Vehicles %</b>	-	1%	2%	1%	2%	-	-	3%	2%	2%	2%	-	-	1%	2%	4%	2%	-	-	2%	4%	1%	2%	-	2%	-

All Vehicles_PM Peak (4:45PM-5:45PM) at Plymouth Rd & Ridgedale Dr																										
Start Time	Plymouth Rd North Leg (Southbound)						Ridgedale Dr East Leg (Westbound)						Plymouth Rd South Leg (Northbound)						Ridgedale Dr 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	1	16	93	11	121	-	-	52	23	31	106	-	-	28	111	53	192	-	-	17	16	39	72	-	491	-
17:00	2	25	113	9	149	-	-	53	31	44	128	-	-	22	110	55	187	-	-	10	11	22	43	-	507	-
17:15	2	27	132	4	165	-	-	57	16	47	120	-	-	29	118	48	195	-	-	19	12	40	71	-	551	-
17:30	1	15	102	7	125	-	-	48	22	46	116	-	-	36	99	26	161	-	-	18	14	24	56	-	458	-
<b>Total</b>	6	83	440	31	560	-	-	210	92	168	470	-	-	115	438	182	735	-	-	64	53	125	242	-	2007	-
<b>% App</b>	1%	15%	79%	6%	100%	-	-	45%	20%	36%	100%	-	-	16%	60%	25%	100%	-	-	26%	22%	52%	100%	-	-	-
<b>% Total</b>	0%	4%	22%	2%	28%	-	-	10%	5%	8%	23%	-	-	6%	22%	9%	37%	-	-	3%	3%	6%	12%	-	100%	-
<b>PHF</b>	0.750	0.769	0.833	0.705	0.848	-	-	0.921	0.742	0.894	0.918	-	-	0.799	0.928	0.827	0.942	-	-	0.842	0.828	0.781	0.840	-	0.911	-
<b>Passenger Vehicles</b>	6	83	439	31	559	-	-	209	91	164	464	-	-	115	433	180	728	-	-	64	50	124	238	-	1989	-
<b>Passenger Vehicles %</b>	100%	100%	100%	100%	100%	-	-	100%	99%	98%	99%	-	-	100%	99%	99%	99%	-	-	100%	94%	99%	98%	-	99%	-
<b>HC Vehicles</b>	-	-	1	-	1	-	-	1	1	4	6	-	-	-	5	2	7	-	-	-	3	1	4	-	18	-
<b>HC Vehicles %</b>	-	-	0%	-	0%	-	-	0%	1%	2%	1%	-	-	-	1%	1%	1%	-	-	-	6%	1%	2%	-	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:** Plymouth Rd & Ridgedale Dr

**Start Date:** Wed, Mar 13, 2019

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

**Prepared by:** Associated Consulting Services LLC

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