TRAFFIC ANALYSIS REPORT

For Project: Dugdale December 2020
Project Notes/Address: Dugdale Drive (2) for January 2021 PC report
Location/Name: Incoming
Report Generated: 05/01/2021 02:42:12 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 24/11/2020 02:00:00 PM through 28/12/2020 02:59:59 PM

85th Percentile Speed = 29.6 MPH
85th Percentile Vehicles = 34,134 counts
Max Speed = 55.0 MPH on 25/12/2020 00:05:00
Total Vehicles = 40,158 counts
AADT: 1179.7

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,242	1,147
AM peak	08:00 to 09:00	86	78
PM peak	04:00 to 05:00	135	119

Speed
Speed limit: 30 MPH
85th Percentile Speed: 29.6 MPH
50th Percentile Speed: 25.9 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 25.5 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	546	607	730	755	658	614	465
% over limit	9.9	10.2	10.9	11.1	10.7	12.1	11.6
Avg speeder	33.1	33.3	33.2	33.1	33.2	33.1	33.4

Comparison with Previous Months

Report	Dates Covered	Days	Veh Counts	Ave Daily Count	85th Percentile Speed mph	85th Percentile Vehicles	NB. of Speeders	Speeders % of veh counts
Hastings Drive (2) – Opposite Saltwood Avenue - Eastbound								
March for April	13/03 to 02/04	20	27,357	1,368	29.4	23,253	149	0.5%
April for May	30/03 to 30/04	31	27,354	882	29.2	23,251	185	0.7%
May for June	30/04 to 26/05	26	31,168	1,199	29.3	26,492	197	0.6%
June for July	26/05 to 09/06	14	19,120	1,365	29.3	16,252	1,470	7.7%
Hastings Drive (1) – Opposite Dover Avenue - Westbound								
June for July	09/06 to 30/06	21	22,361	1,064	30.8	19,007	3,868	17.3%
July for August	01/07 to 31/07	31	36,000	1,161	31.9	63,567	3,303	8.4%
August for September	01/08 to 31/08	31	37,762	1,218	32.0		4,479	11.9%
September for October	01/09 to 09/09	9	10,726	1,192	31.5	9,117	2,144	20.0%
Dugdale Drive (2) - on l/c no.7908 opposite Haines Ave for vehicles heading east								
October for November	01/10 to 26/10	26	31,118	1,197	29.8	29,859	4,031	13.0%
November for December	01/11 to 24/11	24	25,467	1,061	29.7	21,660	2,959	11.6%
December for January 2021	01/12 to 28/12	28	32,994	1,178	29.6	28.053	3,485	10.6%

Compiled by Councillor Stephen Hodgson 05.01.2021

Vehicle Count – December 2020 – Dugdale Drive (2)

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week Day Avg	Week end Avg	Week Day 85% Avg Speed
0 - 1	10	9	17	14	12	26	43	12.4	34.5	31.7
1 - 2	5	8	3	6	8	7	15	6	11	33.5
2 - 3	3	3	13	5	4	3	2	5.6	2.5	30
3 - 4	4	1	5	1	3	6	4	2.8	5	29.7
4 - 5	0	10	5	7	4	5	5	5.2	5	36.3
5 - 6	26	24	21	29	22	17	11	24.4	14	30.2
6 - 7	48	71	70	70	65	25	20	64.8	22.5	31.6
7 - 8	155	235	219	223	174	78	48	201.2	63	29.3
8 - 9	262	371	411	318	309	136	66	334.2	101	29.2
9 - 10	262	290	325	342	242	206	92	292.2	149	29.3
10 - 11	263	289	263	277	287	286	213	275.8	249.5	29.5
11 - 12	306	294	313	339	337	341	311	317.8	326	29.5
12 - 13	333	321	312	387	372	341	318	345	329.5	29.6
13 - 14	309	360	363	389	303	349	320	344.8	334.5	29.6
14 - 15	337	403	389	431	332	337	303	378.4	320	29.6
15 - 16	393	528	513	591	408	343	349	486.6	346	29.2
16 - 17	400	571	564	566	496	355	278	519.4	316.5	29.4
17 - 18	409	535	576	557	457	333	193	506.8	263	29.4
18 - 19	272	342	407	395	372	271	177	357.6	224	29.5
19 - 20	218	286	323	269	274	215	159	274	187	29.4
20 - 21	144	186	201	186	172	161	125	177.8	143	30
21 - 22	76	108	107	100	114	109	75	101	92	29.9
22 - 23	55	57	69	82	104	74	53	73.4	63.5	30.9
23 - 24	24	26	34	37	48	53	28	33.8	40.5	32.1
Totals	4314	5328	5523	5621	4919	4077	3208			
% of Total	13.10 %	16.20 %	16.70 %	17%	14.90 %	12.40 %	9.70%	32990		

Number of speeders – December 2020 – Dugdale Drive (2)

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week Day Avg	Week end Avg	Week Day 85% Avg Speed
0 - 1	2	1	4	3	2	10	7	2.4	8.5	31.7
1 - 2	3	2	1	2	3	0	3	2.2	1.5	33.5
2 - 3	0	0	3	2	1	0	0	1.2	0	30
3 - 4	1	0	0	0	1	1	1	0.4	1	29.7
4 - 5	0	3	1	3	1	0	1	1.6	0.5	36.3
5 - 6	3	2	2	4	6	4	0	3.4	2	30.2
6 - 7	7	14	21	8	14	6	2	12.8	4	31.6
7 - 8	9	24	24	15	14	15	11	17.2	13	29.3
8 - 9	15	24	26	33	19	11	8	23.4	9.5	29.2
9 - 10	15	36	31	27	14	18	17	24.6	17.5	29.3
10 - 11	23	28	29	32	30	28	23	28.4	25.5	29.5
11 - 12	22	33	34	29	43	36	18	32.2	27	29.5
12 - 13	27	35	44	47	41	47	31	38.8	39	29.6
13 - 14	34	36	44	43	30	38	29	37.4	33.5	29.6
14 - 15	41	53	37	54	34	46	30	43.8	38	29.6
15 - 16	41	37	31	50	28	38	40	37.4	39	29.2
16 - 17	38	40	67	48	44	40	24	47.4	32	29.4
17 - 18	41	54	65	65	34	24	31	51.8	27.5	29.4
18 - 19	28	35	35	28	38	35	18	32.8	26.5	29.5
19 - 20	24	25	32	30	30	25	16	28.2	20.5	29.4
20 - 21	15	27	22	34	25	18	15	24.6	16.5	30
21 - 22	7	13	18	9	18	17	16	13	16.5	29.9
22 - 23	7	7	13	21	19	15	9	13.4	12	30.9
23 - 24	5	6	7	12	10	24	7	8	15.5	32.1
Totals	408	535	591	599	499	496	357			
% of Total	11.7 %	15.4%	17.0%	17.2%	14.3%	14.2%	10.2%	3485		

Average speeder – December 2020 – Dugdale Drive (2)

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week Day Avg	Week end Avg	Week Day 85% Avg Speed
0 - 1	35	32.5	33.8	34.2	45	33.5	34.6	35.8	34	31.7
1 - 2	34.2	32.5	32.5	32.5	34.2	0	34.2	33.4	34.2	33.5
2 - 3	0	0	32.5	32.5	32.5	0	0	32.5	0	30
3 - 4	32.5	0	0	0	32.5	32.5	37.5	32.5	35	29.7
4 - 5	0	39.2	42.5	39.2	42.5	0	32.5	40	32.5	36.3
5 - 6	34.2	35	35	32.5	34.2	33.8	0	34	33.8	30.2
6 - 7	33.2	34.6	34.4	33.1	33.9	33.3	35	34.1	33.8	31.6
7 - 8	33.1	33.8	33.5	32.8	33.9	34.2	35.2	33.5	34.6	29.3
8 - 9	32.5	32.9	32.9	33	32.8	33.4	32.5	32.8	33	29.2
9 - 10	32.5	33.1	33.3	33.2	32.5	33.3	33.1	33	33.2	29.3
10 - 11	33.2	33	32.8	32.8	33	32.7	32.5	33	32.6	29.5
11 - 12	32.5	32.8	32.8	32.8	32.8	33.3	33.9	32.8	33.5	29.5
12 - 13	32.9	32.6	33.4	32.8	32.7	33	33.6	32.9	33.3	29.6
13 - 14	32.6	33.6	33	32.8	33	33	32.7	33	32.9	29.6
14 - 15	33	33.3	33.3	32.9	33.1	32.8	33.5	33.1	33.1	29.6
15 - 16	33.5	33.2	32.8	33	33.8	33	32.9	33.2	32.9	29.2
16 - 17	32.6	32.8	32.7	33.2	32.8	33.5	33.5	32.8	33.5	29.4
17 - 18	33	32.9	33.3	32.8	32.9	32.7	33.3	33	33	29.4
18 - 19	33.2	33.5	33.2	32.7	32.9	32.9	34.4	33.1	33.4	29.5
19 - 20	33.5	34.1	33.4	33.3	33	33.1	34.4	33.5	33.6	29.4
20 - 21	33.8	33.8	33.4	33.4	33.7	33.6	32.8	33.6	33.3	30
21 - 22	33.2	34	33.6	33.1	33.9	33.1	33.1	33.7	33.1	29.9
22 - 23	32.5	32.5	34	34.2	33.3	33.8	35.3	33.5	34.4	30.9
23 - 24	34.5	33.3	36.8	33.3	33.5	33.1	33.2	34.1	33.1	32.1