TRAFFIC ANALYSIS REPORT





For Project: Dugdale January 2021
Project Notes/Address: Dugdale Drive (2) for February 2021 PC report
Location/Name: Incoming
Report Generated: 28/01/2021 03:44:32 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 01/01/2021 12:59:59 PM through 27/01/2021 02:59:59 PM

85th Percentile Speed = 29.7 MPH
85th Percentile Vehicles = 18,680 counts
Max Speed = 55.0 MPH on 03/01/2021 15:45:00
Total Vehicles = 21,977 counts
AADT: 842.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		877	817
AM peak	08:00 to 09:00	57	55
PM peak	04:00 to 05:00	101	86

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	378	450	428	386	437	331	237
% over limit	10.6	12	13.1	13.8	13.5	10.5	10.7
Avg speeder	33.3	33.3	33.3	33.2	33.2	33.3	33.5

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%
January for February 2021	01/01 to 27/01	27	18,680	691	29.6	18,680	2,647	12.0%

Compiled by Councillor Stephen Hodgson 28.01.2021

Vehicle Count – January 2021 – Dugdale Drive (2)

Hour	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week Day Avg	Week end Avg	Week Day 85% Avg Speed
0 - 1	9	16	9	8	8	8	17	10	12.5	33.2
1 - 2	5	6	2	0	4	9	12	3.4	10.5	32.7
2 - 3	3	1	4	5	1	4	4	2.8	4	29
3 - 4	3	4	6	0	3	5	3	3.2	4	28.3
4 - 5	8	4	6	6	5	2	5	5.8	3.5	28.5
5 - 6	23	22	26	20	18	13	8	21.8	10.5	31.8
6 - 7	59	57	59	44	51	26	16	54	21	32.4
7 - 8	173	189	165	137	143	48	35	161.4	41.5	29.6
8 - 9	219	220	258	175	168	102	54	208	78	29.3
9 - 10	170	174	212	136	138	147	64	166	105.5	29.8
10 - 11	187	188	179	128	135	207	145	163.4	176	29.6
11 - 12	199	251	205	143	186	267	214	196.8	240.5	29.5
12 - 13	263	240	243	181	180	324	206	221.4	265	29.9
13 - 14	251	275	258	199	287	277	225	254	251	29.8
14 - 15	254	267	292	194	278	259	219	257	239	29.8
15 - 16	302	345	231	269	300	289	260	289.4	274.5	29.7
16 - 17	400	409	315	319	320	269	177	352.6	223	29.8
17 - 18	408	427	315	305	372	244	146	365.4	195	29.6
18 - 19	228	231	164	189	232	223	110	208.8	166.5	29.7
19 - 20	166	179	141	146	159	177	131	158.2	154	29.9
20 - 21	118	119	83	83	115	108	77	103.6	92.5	31.1
21 - 22	60	59	54	56	75	71	44	60.8	57.5	31.4
22 - 23	54	46	27	32	44	40	30	40.6	35	30.5
23 - 24	16	17	12	15	19	24	11	15.8	17.5	30.7
Totals	3578	3746	3266	2790	3241	3143	2213			
% of Total	16.30 %	17%	14.90 %	12.70 %	14.70 %	14.30 %	10.10 %	21977		

Number of speeders – January 2021 – 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	3	1	3	2	3	3	2.2	3	33.2
1 - 2	1	3	2	0	2	2	5	1.6	3.5	32.7
2 - 3	2	0	0	1	0	0	0	0.6	0	29
3 - 4	1	0	1	0	0	0	0	0.4	0	28.3
4 - 5	2	1	0	0	1	1	1	0.8	1	28.5
5 - 6	2	2	4	5	3	2	1	3.2	1.5	31.8
6 - 7	16	11	12	16	13	3	3	13.6	3	32.4
7 - 8	13	21	18	18	12	6	4	16.4	5	29.6
8 - 9	18	14	31	20	17	7	5	20	6	29.3
9 - 10	20	23	28	16	19	11	4	21.2	7.5	29.8
10 - 11	13	29	19	15	17	22	15	18.6	18.5	29.6
11 - 12	20	33	22	10	15	20	14	20	17	29.5
12 - 13	24	24	31	23	32	26	20	26.8	23	29.9
13 - 14	27	36	20	30	41	33	23	30.8	28	29.8
14 - 15	22	40	38	23	41	20	18	32.8	19	29.8
15 - 16	21	37	34	28	43	39	25	32.6	32	29.7
16 - 17	43	51	51	46	37	24	16	45.6	20	29.8
17 - 18	49	38	38	46	41	27	17	42.4	22	29.6
18 - 19	27	21	15	28	32	21	14	24.6	17.5	29.7
19 - 20	15	25	20	21	27	25	10	21.6	17.5	29.9
20 - 21	19	15	18	17	20	14	19	17.8	16.5	31.1
21 - 22	15	9	13	15	11	12	13	12.6	12.5	31.4
22 - 23	6	9	8	4	7	11	5	6.8	8	30.5
23 - 24	0	5	4	1	4	2	2	2.8	2	30.7
Totals	378	450	428	386	437	331	237			
% of Total	14.3 %	17.0%	16.2%	14.6%	16.5%	12.5%	9.0%	2647		

Average speeder – January 2021 – 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	34.2	42.5	32.5	35	37.5	34.2	34.8	35.8	33.2
1 - 2	32.5	32.5	32.5	0	32.5	35	33.5	32.5	33.9	32.7
2 - 3	32.5	0	0	32.5	0	0	0	32.5	0	29
3 - 4	32.5	0	32.5	0	0	0	0	32.5	0	28.3
4 - 5	37.5	37.5	0	0	42.5	32.5	32.5	38.8	32.5	28.5
5 - 6	35	37.5	36.3	35.5	32.5	32.5	32.5	35.3	32.5	31.8
6 - 7	34.1	35.2	34.2	35.6	34	34.2	34.2	34.6	34.2	32.4
7 - 8	32.9	33.2	33.1	32.8	34.2	35	32.5	33.2	34	29.6
8 - 9	32.8	32.9	33	32.8	33.4	33.9	32.5	33	33.3	29.3
9 - 10	32.8	32.9	32.9	32.8	33	32.5	35	32.9	33.2	29.8
10 - 11	33.3	33.2	32.8	32.8	32.8	33.2	33.5	33	33.3	29.6
11 - 12	32.5	33.4	32.5	33	33.8	33.8	32.5	33.1	33.2	29.5
12 - 13	33.1	32.7	33.3	32.7	32.8	32.7	33.5	32.9	33	29.9
13 - 14	33.1	33.5	33	33.2	33.1	32.7	33.2	33.2	32.9	29.8
14 - 15	32.7	32.8	33.7	33.4	33.5	33.3	32.8	33.2	33	29.8
15 - 16	33	33	33.1	32.9	32.6	33.5	33.9	32.9	33.7	29.7
16 - 17	33.8	33.1	33	32.8	34.1	33.1	32.5	33.3	32.9	29.8
17 - 18	33.7	33	33.2	33.2	32.9	32.5	34.6	33.2	33.3	29.6
18 - 19	32.9	33	33.5	33.9	33.4	33.9	33.2	33.4	33.6	29.7
19 - 20	33.8	33.1	33.8	33	32.7	33.1	34	33.2	33.4	29.9
20 - 21	32.8	34.2	33.9	33.1	33.5	33.6	34.9	33.5	34.3	31.1
21 - 22	34.2	34.2	34	33.5	33	33.8	33.3	33.8	33.5	31.4
22 - 23	35.8	33.6	32.5	32.5	33.2	33.4	33.5	33.5	33.4	30.5
23 - 24	0	35.5	33.8	32.5	32.5	35	32.5	33.9	33.8	30.7