

TRAFFIC ANALYSIS REPORT

For Project: Dugdale July 2021

Projects Notes/Address: Dugdale Drive (2) for August 2021 PC report

Location/Name: Incoming

Report Generated: 25/08/2021 06:46:24 PM

Speed Intervals = 5 MPH

Time Intervals = Instant



Traffic Report From 01/07/2021 12:00:00 AM through 31/07/2021 10:59:59 AM

85th Percentile Speed = 29.8 MPH

85th Percentile Vehicles = 29,697 counts

Max Speed = 55.0 MPH on 09/07/2021 21:15:00

Total Vehicles =34,938 counts

AADT: 1147.1

	Time	5 Day	7 Day
Average Daily		1,226	1,124
AM peak	07:00 to 08:00	75	80
PM peak	03:00 to 04:00	119	106

Speed

Speed Limit: 30 MPH

85th Percentile Speed: 29.8 MPH

50th Percentile Speed: 26.1 MPH

10 MPH Pace Interval: 25.0 MPH to 35.0

MPH

Average Speed: 25.8 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	604	559	617	763	866	608	464
% over limit	33.2	33.3	33.2	33.4	33.3	33.2	33.2
Avg speeder	33.2	33.3	33.2	33.4	33.3	33.2	33.2

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
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%
March for April 2021	05/03 to 31/03	27	29,302	1,085	30.1	24,910	4,566	15.6%
April for May 2021	01/04 to 30/04	30	35,517	1,184	30.2	30,189	5,486	15.4%
May for June 2021	01/05 to 31/05	31	38,541	1,243	30.0	32,760	5,686	14.8%
June for July 2021	01/06 to 30/06	30	40,090	1,336	30.0	34,076	5,845	14.8%
July for Aug 2021	01/07 to 31/07	31	34,938	1,127	29.8	29,697	4,755	16.0%

Compiled by Councillor Stephen Hodgson 25.08.2021

Vehicle Count – July 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	12	6	6	7	2	27	22	6.6	24.5	32
1 - 2	5	4	7	2	2	8	18	4	13	38.5
2 - 3	2	1	1	4	8	20	14	3.2	17	33
3 - 4	4	5	6	9	8	6	11	6.4	8.5	28.8
4 - 5	20	24	28	24	25	17	4	24.2	10.5	31.3
5 - 6	85	84	84	98	83	31	20	86.8	25.5	31.9
6 - 7	175	195	185	245	245	86	48	209	67	29.6
7 - 8	286	318	305	399	370	183	70	335.6	126.5	29.5
8 - 9	255	280	304	397	346	282	144	316.4	213	29.3
9 - 10	277	215	233	311	345	438	237	276.2	337.5	29.2
10 - 11	265	297	287	350	412	403	298	322.2	350.5	29.3
11 - 12	314	291	298	374	397	390	351	334.8	370.5	29.5
12 - 13	317	304	326	409	413	342	299	353.8	320.5	29.8
13 - 14	285	277	318	435	410	297	302	345	299.5	29.6
14 - 15	388	414	369	495	517	306	257	436.6	281.5	29.5
15 - 16	458	462	533	578	595	328	259	525.2	293.5	30.6
16 - 17	426	480	516	649	558	322	235	525.8	278.5	30.3
17 - 18	398	378	352	452	482	285	220	412.4	252.5	29.8
18 - 19	299	284	303	390	412	253	205	337.6	229	29.9
19 - 20	182	204	161	282	315	173	118	228.8	145.5	30.3
20 - 21	123	145	126	160	175	112	82	145.8	97	30.2
21 - 22	74	74	103	118	119	96	53	97.6	74.5	29.9
22 - 23	23	37	58	47	89	68	72	50.8	70	30.9
23 - 24	21	20	19	28	52	41	21	28	31	31.2
Totals	4694	4799	4928	6263	6380	4514	3360			
% of Total	13.40 %	13.70 %	14.10 %	17.90 %	18.30 %	12.90 %	9.60%	34938		

Number of speeders – July 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	5	2	2	1	2	9	2	2.4	5.5	32
1 - 2	2	3	2	1	1	3	8	1.8	5.5	38.5
2 - 3	1	1	1	1	3	2	4	1.4	3	33
3 - 4	1	0	1	0	2	4	4	0.8	4	28.8
4 - 5	5	2	8	3	7	7	0	5	3.5	31.3
5 - 6	15	22	24	16	17	6	4	18.8	5	31.9
6 - 7	25	17	25	31	30	13	11	25.6	12	29.6
7 - 8	24	39	41	40	55	24	16	39.8	20	29.5
8 - 9	31	19	19	39	39	37	25	29.4	31	29.3
9 - 10	28	20	14	31	32	35	24	25	29.5	29.2
10 - 11	29	24	26	28	34	47	28	28.2	37.5	29.3
11 - 12	31	31	32	41	45	38	54	36	46	29.5
12 - 13	45	45	46	49	57	44	46	48.4	45	29.8
13 - 14	41	32	37	53	55	37	43	43.6	40	29.6
14 - 15	33	33	47	40	85	38	43	47.6	40.5	29.5
15 - 16	72	77	83	116	114	55	30	92.4	42.5	30.6
16 - 17	74	67	81	105	107	58	35	86.8	46.5	30.3
17 - 18	57	54	45	68	70	46	38	58.8	42	29.8
18 - 19	35	36	52	47	57	40	24	45.4	32	29.9
19 - 20	42	29	25	45	46	43	15	37.4	29	30.3
20 - 21	21	16	24	30	25	15	10	23.2	12.5	30.2
21 - 22	6	9	10	23	19	13	8	13.4	10.5	29.9
22 - 23	5	6	8	9	18	13	12	9.2	12.5	30.9
23 - 24	7	4	3	2	10	12	4	5.2	8	31.2
Totals	635	588	656	819	930	639	488			
% of Total	13.4 %	12.4%	13.8%	17.2%	19.6%	13.4%	10.3%	4755		

Average speeder – July 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	34.5	32.5	35	32.5	32.5	33.1	35	33.8	33.4	32
1 - 2	35	35.8	35	42.5	37.5	35.8	36.9	36.4	36.6	38.5
2 - 3	37.5	37.5	32.5	32.5	37.5	32.5	33.8	36.1	33.3	33
3 - 4	32.5	0	42.5	0	32.5	33.8	33.8	35	33.8	28.8
4 - 5	33.5	32.5	33.1	32.5	33.9	32.5	0	33.3	32.5	31.3
5 - 6	32.8	34.5	34	34.1	32.8	33.3	35	33.7	34	31.9
6 - 7	33.5	33.1	33.7	33.6	34	32.9	33	33.6	32.9	29.6
7 - 8	32.9	32.8	33.1	33.6	33	33.3	33.8	33.1	33.5	29.5
8 - 9	32.5	33	32.8	33	33	32.9	32.9	32.9	32.9	29.3
9 - 10	33.4	33.5	32.9	32.7	32.7	32.6	33.3	33	32.9	29.2
10 - 11	32.8	33.1	32.9	33.6	32.8	33.4	32.7	33	33.1	29.3
11 - 12	33.1	33	33	32.7	33.1	32.8	33	33	32.9	29.5
12 - 13	32.9	33.2	33	33.1	33.4	33.2	32.8	33.1	33	29.8
13 - 14	32.9	33.3	32.8	33.3	33	32.9	33	33.1	32.9	29.6
14 - 15	32.7	33.9	32.7	33.4	33.2	33.6	33.2	33.2	33.4	29.5
15 - 16	33.5	33.5	33.2	33.9	33.8	33	33.2	33.6	33.1	30.6
16 - 17	33.2	33.2	33.1	33.2	33.3	33.2	32.9	33.2	33.1	30.3
17 - 18	32.9	33	33.5	33.4	33.2	33.3	33.2	33.2	33.2	29.8
18 - 19	32.8	33.3	33.5	32.9	33.1	33.8	32.9	33.1	33.4	29.9
19 - 20	33.3	32.7	32.7	33.4	33.3	34.1	33.2	33.1	33.9	30.3
20 - 21	34.2	33.4	33.3	33.5	33.5	33.8	33	33.6	33.5	30.2
21 - 22	33.3	34.7	32.5	33.8	34.9	32.9	33.8	34	33.2	29.9
22 - 23	37.5	33.3	32.5	33.6	33.3	33.7	33.8	33.7	33.7	30.9
23 - 24	33.2	35	34.2	37.5	34	33.8	32.5	34.2	33.4	31.2
Ave Daily	806.4	773.8	807.5	778.3	807.3	800.2	770.7			
% of Total	14.50 %	14%	14.60 %	14%	14.60 %	14.40 %	13.90 %			