

TRAFFIC ANALYSIS REPORT

For Project: WStG

Projects Notes/Address: Fitton Road

Location/Name: Incoming

Report Generated: 07/05/2024 15:58:52

Traffic Report From 04/03/2024 19:00:00 through 07/04/2024 13:59:59

Total Vehicles =17,445 counts (AADT: 516.3)

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		565	498
AM Peak	08:00 to 09:00	59	47
PM Peak	17:00 to 18:00	46	38

Speed

Speed Limit: 30 MPH

Average Speed: 30.6 MPH

85th Percentile Speed = 37.3 MPH

85th Percentile Vehicles = 14,828 counts

Max Speed = 70.0 MPH on 12/03/2024 19:50:00

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1198	1531	1552	1582	1290	1130	748
% over limit	48.8	49.5	50.9	51	52.6	57.2	56.8
Avg Speeder	35.4	35.4	35.3	35.4	35.7	35.8	35.7
Avg Speed	19.7	20	19.8	19.9	20.6	22.3	24.1

Select Display Data

Show Counts
 Show Avg. Speeds
 Show 85pct Speeds
 Show Speeder Counts
 Show Avg. Speeder

	Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
▶ 0 - 1	1	0	3	6	3	8	8	2.6	8	38.8	
1 - 2	2	0	1	4	0	3	5	1.4	4	36.3	
2 - 3	0	0	2	1	2	2	2	1	2	38.3	
3 - 4	0	0	0	3	4	2	0	1.4	1	33.3	
4 - 5	5	19	8	3	2	1	2	7.4	1.5	39.6	
5 - 6	12	22	20	20	15	9	4	17.8	6.5	40.8	
6 - 7	37	51	58	52	49	15	12	49.4	13.5	40.1	
7 - 8	107	155	135	159	132	67	20	137.6	43.5	38.9	
8 - 9	127	144	171	142	113	81	42	139.4	61.5	37.3	
9 - 10	72	82	94	84	78	103	72	82	87.5	35.3	
10 - 11	47	61	65	71	84	112	76	65.6	94	35	
11 - 12	55	67	75	71	81	120	70	69.8	95	36.2	
12 - 13	44	53	66	59	91	98	63	62.6	80.5	35.4	
13 - 14	51	60	52	73	91	85	75	65.4	80	35.3	
14 - 15	44	68	81	72	78	75	54	68.6	64.5	35	
15 - 16	66	72	82	64	92	54	49	75.2	51.5	35.2	
16 - 17	63	110	78	122	117	76	42	98	59	37.4	
17 - 18	93	101	103	108	80	64	39	97	51.5	36.9	
18 - 19	59	70	68	72	72	44	40	68.2	42	36.1	
19 - 20	32	40	46	44	40	32	28	40.4	30	39.6	
20 - 21	25	25	30	27	23	26	27	26	26.5	38.9	
21 - 22	13	16	19	21	32	25	13	20.2	19	39.8	
22 - 23	8	12	5	6	8	21	4	7.8	12.5	40.2	
23 - 24	4	5	3	9	3	7	1	4.8	4	37.2	
Totals	967	1233	1265	1293	1290	1130	748				
% of Total	12.2%	15.6%	16%	16.3%	16.3%	14.3%	9.4%				

Analysis:

The data shows 516 vehicles per day in March, is a good representation of traffic; of those the percentage over the speed limit is approx half and the speeders are on average 5mph over the limit. The full period monitored shows a max speed of 70mph just before 8 pm on a Tues evening, when it will have been dark.

This will be highlighted to the NCC and Police speed road safety teams.

Select Display Data

Show Counts
 Show Avg. Speeds
 Show 85pct Speeds
 Show Speeder Counts
 Show Avg. Speeder

	Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
▶	0 - 1	1	0	3	6	3	8	8	2.6	8	38.8
	1 - 2	2	0	1	4	0	3	5	1.4	4	36.3
	2 - 3	0	0	2	1	2	2	2	1	2	38.3
	3 - 4	0	0	0	3	4	2	0	1.4	1	33.3
	4 - 5	5	19	8	3	2	1	2	7.4	1.5	39.6
	5 - 6	12	22	20	20	15	9	4	17.8	6.5	40.8
	6 - 7	37	51	58	52	49	15	12	49.4	13.5	40.1
	7 - 8	107	155	135	159	132	67	20	137.6	43.5	38.9
	8 - 9	127	144	171	142	113	81	42	139.4	61.5	37.3
	9 - 10	72	82	94	84	78	103	72	82	87.5	35.3
	10 - 11	47	61	65	71	84	112	76	65.6	94	35
	11 - 12	55	67	75	71	81	120	70	69.8	95	36.2
	12 - 13	44	53	66	59	91	98	63	62.6	80.5	35.4
	13 - 14	51	60	52	73	91	85	75	65.4	80	35.3
	14 - 15	44	68	81	72	78	75	54	68.6	64.5	35
	15 - 16	66	72	82	64	92	54	49	75.2	51.5	35.2
	16 - 17	63	110	78	122	117	76	42	98	59	37.4
	17 - 18	93	101	103	108	80	64	39	97	51.5	36.9
	18 - 19	59	70	68	72	72	44	40	68.2	42	36.1
	19 - 20	32	40	46	44	40	32	28	40.4	30	39.6
	20 - 21	25	25	30	27	23	26	27	26	26.5	38.9
	21 - 22	13	16	19	21	32	25	13	20.2	19	39.8
	22 - 23	8	12	5	6	8	21	4	7.8	12.5	40.2
	23 - 24	4	5	3	9	3	7	1	4.8	4	37.2
	Totals	967	1233	1265	1293	1290	1130	748			
	% of Total	12.2%	15.6%	16%	16.3%	16.3%	14.3%	9.4%			

For Project: WStG

Location/Name: Fitton Road

Traffic Report From 26/11/2023 19:00:00 through 15/01/2024 19:59:59

Total Vehicles =16,036 counts, 85th Percentile Vehicles = 13,631 counts AADT: 320.5

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		562	503
AM Peak	08:00 to 09:00	65	53
PM Peak	16:00 to 17:00	43	39

Speed

Speed Limit: 30 MPH

85th Percentile Speed: 36.9 MPH

Max Speed = 65.0 MPH on 27/11/2023 07:55:00

Average Speed: 30.3 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1508	1343	1168	1022	1188	969	735
% over limit	44.6	51.1	46.2	49.3	51.5	53.8	55.9
Avg Speeder	35.2	35.5	35.2	35.2	35.5	35.7	35.8
Avg Speed	16.7	20.6	18.9	20.4	20.8	22.6	23.9

Select Display Data

Show Counts
 Show Avg. Speeds
 Show 85pct Speeds
 Show Speeder Counts
 Show Avg. Speeder

	Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
▶	0 - 1	4	0	0	2	5	10	5	2.2	7.5	36.7
	1 - 2	3	2	1	1	3	6	3	2	4.5	42
	2 - 3	1	1	0	0	0	2	6	0.4	4	37.5
	3 - 4	0	1	0	0	1	3	2	0.4	2.5	38.3
	4 - 5	3	2	4	4	3	5	1	3.2	3	36.2
	5 - 6	10	11	10	17	21	4	4	13.8	4	39.8
	6 - 7	44	39	32	31	39	7	2	37	4.5	39
	7 - 8	132	78	94	77	104	49	16	97	32.5	38.1
	8 - 9	189	111	115	65	120	84	32	120	58	36
	9 - 10	88	75	77	56	100	78	75	79.2	76.5	35.4
	10 - 11	105	73	41	43	87	98	81	69.8	89.5	34.9
	11 - 12	88	63	57	36	66	81	78	62	79.5	35.2
	12 - 13	81	89	31	39	78	78	69	63.6	73.5	35.5
	13 - 14	72	62	61	46	75	78	63	63.2	70.5	36.2
	14 - 15	73	78	64	37	92	68	56	68.8	62	36.3
	15 - 16	81	61	57	47	91	50	47	67.4	48.5	36.3
	16 - 17	83	103	70	67	69	65	50	78.4	57.5	36.6
	17 - 18	58	61	48	66	85	49	35	63.6	42	36.6
	18 - 19	61	47	57	36	62	41	28	52.6	34.5	37.6
	19 - 20	25	32	27	34	31	40	28	29.8	34	38.4
	20 - 21	23	23	27	17	22	26	19	22.4	22.5	39
	21 - 22	17	13	21	6	17	20	17	14.8	18.5	38.3
	22 - 23	8	12	9	9	10	17	6	9.6	11.5	39.3
	23 - 24	3	3	5	1	7	10	1	3.8	5.5	37.7
	Totals	1252	1040	908	737	1188	969	724			
	% of Total	18.4%	15.3%	13.3%	10.8%	17.4%	14.2%	10.6%			

Analysis:
 The data shows 320 vehicles per day in Dec, which considering the Christmas holidays is probably lower than the real daily rate; of those the percentage over the speed limit is approx half and the speeders are on average 5mph over the limit. The full period monitored shows a max speed of 65mph just before 8 am on a Monday morning, when children would walking to the school bus stop and commuters emerging from driveways. 590 speeders above 40mph 225 speeders above 50mph 25 speeders above 60mph

This will be highlighted to the NCC and Police speed road safety teams.