

TRAFFIC ANALYSIS REPORT

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.