

WHPC Meeting 7th March 2023

Item 23/086

WHPC VAS - Review of 2022 Data

VAS Data Analysis 2022

Some observations from the data

WHPC has two Vehicle Activated Signs (VAS) recording speed data which are moved every two weeks to different sites within the village. One device records data at two sites on the B3180 in both directions (4 sets of data) and the other device records data at 4 sites within the village, one of which is in both directions (5 sets of data). Two village sites are within the advisory 20mph zone and the rest are in the statutory 30mph limit. The VAS devices are just to record data and to flash a warning to speeding vehicles. There is no enforcement provision.

There are occasional anomalies in the data which give some distorted statistics out of sync with the expected trend. For example, if there are road works or an obstructing parked vehicle this will temporarily slow traffic. Also, the speed data is recorded in 5mph bands, so a vehicle travelling at 30.6mph will be recorded in the 35mph band. For this reason the report shows the percentage of traffic over 30mph and over 35mph to give some perspective (and 20mph and 25mph for the 20mph zone). Bearing these factors in mind I make the following observations:

- Traffic going north on the B3180 after coming through the narrows before Tipton Cross is slower than traffic going south from the Daisymount direction.
- There are recording sites at each end of the B3180 (Little Stockleigh at the northern end towards Daisymount and Ridge House at the southern end towards Tipton Cross). Traffic slows slightly as it moves along the B3180 through the village but is faster north to south than south to north.
- Traffic volumes on the B3180 are slightly higher coming from Daisymount heading south than in the other direction, and not surprisingly are higher in both directions in the summer months.
- The site on Bendarroch Road at Moorlands faces traffic in both directions. Vehicles coming down the road are travelling faster than those coming up. The uphill gradient and the 20mph zone a little further down from the device site are probable explanations. Speeds are generally not excessive although there are occasional speeds of 50mph or more recorded here.
- The site at the junction of West Hill Road and Bendarroch Road (The Vee) is the start of the 20mph zone. Traffic coming from Ottery St Mary will start to slow when it reaches this junction but the device will be recording speeds of approaching traffic still in the 30mph zone.
- More worrying is the data for the War Memorial site on West Hill Road within the 20mph zone. Traffic approaching up the hill from the McColls direction is largely ignoring the mph advisory limit. Over a quarter is exceeding 25mph.

Decisions for Council

1. Do you want to share this information with Community Speed Watch and/or any other organisations?
2. Are there any 'quick fixes' to try to slow traffic in the short term?
3. What other measures can/should be undertaken to address the ongoing problems of speeding traffic and who will do the work involved. Scope for a Working Group?

Cllr Margaret Piper January 2023

West Hill VAS data analysis for the year 2022

B3180 sites	Date	Total vehicles	% exceeding 30mph	% exceeding 35mph	Vehicle numbers over 50mph	Vehicle numbers over 60mph
Facing Daisymount Little Stockleigh (northern end)	17 -31 Jan'22	38026	63%	26%	154	2
	14 - 25 Mar'22	30446	67%	31%	197	0
	16 23 May'22 (1 wk)	18862	68%	31%	126	3
	4 - 18 July'22	44140	65%	28%	248	1
	15 - 30 Aug'22	46146	67%	29%	200	1
	12 - 26 Sep'22	42772	64%	28%	188	0
	31 Oct - 14 Nov'22	40193	64%	27%	143	0
Ridge House (southern end)	15 - 28 Feb'22	38369	54%	20%	64	2
	11 - 25 Apr'22	44363	55%	23%	84	2
	6 - 20 June'22	49578	55%	23%	79	1
	26 Sep - 10 Oct'22	47364	51%	19%	89	4
	21 Nov - 5 Dec'22	40119	30%	4%	0	0
Facing Tipton Cross Ridge House (southern end)	20 Dec'21 - 4 Jan'22	33332	37%	6%	28	0
	28 Feb - 14 Mar'22	37951	34%	5%	16	0
	25 Apr - 16 May'22 (3wks)	61265	34%	6%	46	0
	20 June - 4 July'22	42471	29%	4%	19	0
	1 - 15 Aug'22	44029	28%	4%	23	0
	30 Aug - 12 Sep'22	38516	29%	4%	16	0
	10 - 31 Oct'22	63608	30%	4%	26	0
	5 - 19 Dec'22	37519	29%	4%	8	0
Little Stockleigh (northern end)	28 Mar - 11 Apr'22	37220	51%	21%	46	9
	23 May - 6 June'22	35678	26%	3%	4	0
	18 Jul - 1 Aug'22	36421	23%	3%	3	0
	14 - 21 Nov'22 (1wk)	20176	28%	3%	4	0

Village sites

30mph zone

	Date	Total vehicles	% exceeding 30mph	% exceeding 35mph	Vehicle numbers over 50mph
Moorlands facing uphill (traffic coming down)	31 Jan - 14 Feb'22	12448	22%	5%	2
	25 Apr - 16 May'22 (3wks)	21325	25%	5%	5
	4 - 18 July'22	13603	29%	7%	7
	15 - 30 Aug'22	12748	28%	7%	9
	26 Sep - 10 Oct'22	13526	28%	7%	10
	5 - 19 Dec'22	13048	23%	5%	2
Moorlands facing downhill (traffic coming up)	4 - 17 Jan'22	9591	16%	2%	1
	28 Mar - 11 Apr'22	10313	19%	2%	6
	6 -20 June'22	11632	17%	2%	5
	30 Aug - 12 Sep'22	9733	18%	3%	7
	31 Oct - 14 Nov'22	11168	16%	2%	6
Eyemore Drive (traffic leaving village)	14-28 Mar'22	10051	22%	4%	12
	16 - 23 May'22 (1 wk)	4534	22%	3%	6
	18 Jul - 1 Aug'22	10079	20%	2%	5
	14 - 21 Nov'22 (1 week)	4339	7%	1%	0

20 mph zone

	Date	Total vehicles	% exceeding 20mph	% exceeding 25mph	Vehicle numbers over 40mph
The Vee (traffic coming from OSM)	16 - 23 May'22	11141	48%	12%	2
	12 - 26 Sep'22	9733	62%	18%	7
	21 Nov - 5 Dec'22	11691	46%	10%	0
War Memorial (traffic going towards OSM)	11 - 25 Apr'22	6955	79%	33%	14
	20 June - 4 July'22	8333	75%	25%	11
	1 - 15 Aug'22	8591	92%	56%	106
	10 - 31 Oct'22 (3wks)	9859	74%	25%	11
	19 Dec'22 - 3 Jan'23	5945	69%	23%	4