

There are three approved sites for use of the board. Two (on Mill Hill by the vets and on Swan Lane) are allowed to check in both directions and one (on Crouch House Road) is one direction.

Software You may be familiar with this software as it is the only one permitted by KCC. I have a few concerns around the downloaded reports partly because I do not look at it often.

The software feels a bit limited and the results need a bit of sense checking as the calculations it makes are not always logical or sensible. Using the most recent download (Crouch House Road Nov 11 – Dec 13) as an example the volume averages shown in the system are based upon the period under review (Nov 11 – Dec 13). For whatever reason data is recorded as zero for Nov 11 – Nov 29 midday which markedly reduces any daily averages. Weekday average daily volume is reported as 788 vehicles but based on the weekdays with data it is really 1,143 vehicles. The system consistently has issues with periods when there is no traffic recording it as a zero which distorts any averaging it calculates.

The system calculates and generates a number of reports which can be downloaded in a number of formats. Everything attached is the spreadsheet version. Some of the reports are not consistent. Again, referring to the most recent download the number of vehicles recorded in the period and noted on the Summary of 14,431 differs from that analysed in the “Summary of Violators Incoming”, 14,420. The number of Violators, 1,978, is the same in both reports. The Summary identifies the number of speeders by day of the week but it has to be understood that that is the total for the period under review. For the last download the first impressions is that fewer people speed on a Monday (189) than on the other days of the week (281-382) when the reality is that there was only one Monday analysed compared to two of all the other days of the week.

One other thing that is not particularly logical is identifying weekday averages and then a seven-day average which is naturally quieter due to the inclusion of the weekend. It feels more informative to know how much quieter, or not, traffic is at the weekend compared to the weekday.

The Data The downloaded reports for the sessions I am aware of are attached and summarised below. There could be more reports as I thought the site on Mill Hill was surveyed last year but I do not have a copy of it. The first couple of sessions were on Mill Hill and I spent a long time analysing this so these are more detailed. The time involved though was disproportionate and not transferable so the rest aim to use the standard reports.

The battery in the SID lasts typically for a couple of weeks which sets the range of each site report.

Location	Dates	Avge Wkday	Rush Hour Volumes	Percent over limit	85th Percentile	Average Speed	Maximum Speed	Avge Speed of speeders
Crouch House Road	29/11-13/12 2022	1,143	78-92	14%	29.9	25.2	50	33.1
Swan Lane - Towards	19/08 -06/09 2022	502	48-51	8%	29.2	25.0	45	32.7
Swan Lane - away from	13/05 - 29/5 2022	420	46-54	8%	29.3	25.2	40	32.7
Swan Lane - Towards	23/04 - 05/05 2022	537	70-71	10%	29.5	25.3	40	32.8
Crouch House Road	30/03 - 22/04 2022	860	80-90	23%	32.0	27.0	50	33.1
Crouch House Road	21/06 - 05/07 2022	826	79-103	18%	31.0	26.1	50	33.1
Mill Hill - towards town	26/10 - 10/12 2021	5,307	446-486	24%	32.6	27.1	65	34.2
Mill Hill - away from town	05/11 - 19/11 2021 *	4,575	396-441	29%	33.8	27.8	65	34.4

* Road works for 3 days in one week

My reading of this data is that most people (85th percentile) keep to the speed limit but there are some that exceed the speed limit by a large margin, particularly on Mill Hill. This site is not far from the entrances to the hospital and the cricket/recreation ground. Although there are plenty of concerns of speeding traffic by residents of Swan Lane it is relatively quiet and the speeding tends to be in the night. That said residents' driveways are straight into a live road with stretches without a pavement buffer so more sensitive to speed. Crouch House Road looks to have got busier but this might be because the previous sessions were at the tail end of lockdowns and in the summer. The Crouch House Road site is very residential and it could be argued that, in common with some Kent towns, it could be suitable for a 20mph zone.