

# Report to Bickleigh Parish Council

## Radar Speed Sign

As many of you know the previous Parish Council purchased a radar speed sign and for much of its time with us it has remained in the Parish Clerks office with no-one really knowing what to do with it.

The current Council decided that it would like to see the sign reinstalled in a functioning location.

### **The sign**

The sign is of the type where it shows the words 'Slow Down' when the parameters you feed into the program are breached. I would suggest that this is largely going to be where the pre-set maximum speed limit is 30mph since it is always likely to be located in a 30 mph zone.

### **Computer Settings**

The speed sign will only do what it is programmed to do! Sounds logical.

The sign needs to be programmed to know when it is to flash, such that there is a visible warning to the approaching motorist. It also needs internal settings to be programmed such that the date and time of the activation is recorded as well as many other parameters which make the data provided by the programme more meaningful.

To date the speed settings have not been correctly input nor has the date/time been changed from the initial factory settings of 01 January 1970 and the default time of 00.00hrs.

### **Data provided to date**

Because none of the correct settings were ever programmed into the sign the data that is produced is not all that helpful. An example of this is that the sign may have recorded a speed of an approaching vehicle at 35 mph but we have no idea what time of day it was nor the date the speed limit was exceeded.

### **What data is available to date?**

The radar should, in future, provide us with the following information –

- Speed of each approaching vehicle including date/time
- Maximum speed data
- Total number of vehicles passing the sign
- Average daily vehicle passes per 5 day and 7 day period
- Average speed
- Average %age of vehicles speeding
- Numbers of vehicles over the speed limit set in the sign
- Average number of vehicles in hourly bands
- Details of peak times, both am and pm
- The report then goes on to record the time of each individual vehicle pass and the speed of that vehicle

The programme provides data in statistic (number) format and graphs some of the data to provide a visual presentation for better understanding.

### **Statistics to date**

Subject to the above paragraph the output from the last positioning in Woolwell site, during January, looks like this –

(These numbers should be treated with some caution)

- Maximum speed encountered – 75 mph
- Total number of vehicle passes during period on site (approx. one month) – 107,667
- Average daily vehicle passes over a 5-day period = 3,428
- Average daily vehicle passes over a 7-day period = 3,623
- Average speed of all vehicles passing sign – varies between 24.2mph and 36.9mph dependent upon day
- Average %age over speed limit – between 34.1% and 35.3%
- Number of vehicles passing sign on any one hour – between 2 and 540

### **Current location of sign**

The re-programmed sign is to be installed in Bickleigh.

**BMS**

**14feb20**