**Summary of Speed Indicator Device (SID) Activity**

**For the Period 29th September to 3rd December August 2020**

**Location :** During this period the SID was positioned on the Homington Road next to Tottens Farm, which is a 20 mph speed limit area.The SID was mounted on a relocatable post on the left-hand side of the road as you leave Coombe Bissett village heading towards Homington. This site is referred to as the Homington Road, Tottens Farm site.

**Detailed PDF reports:**

Please refer to the tab for Tottens Farm for more detailed analysis of traffic data recorded by the SID, which is presented in PDF report format. Guidance Notes to each section of the PDF reports are provided below this summary.

Note: Our SID does not have GPS and therefore its reports are location agnostic. References in reports to Incoming and Outgoing traffic refer to traffic coming towards the device (Incoming) and traffic going past the device in the opposite direction (Outgoing).

**Period 29th September – 19th October 2020**

During this period the SID was facing traffic coming from Homington and Nunton. The average speed of drivers entering the village was 24.85 mph while traffic leaving the village travelled at an average of 28.19 mph. The Highest speed recorded for drivers entering the village was 65 mph and for drivers leaving the village was 96 mph. Vehicle volumes during the period were approx. 364 per day in either direction. 63.96% of drivers were travelling within 26 mph as they entered the village, while only 45.43% were travelling at less than 26 mph at this point as they were leaving the village. The recorded speed of the 85th percentile of vehicles was 32 mph inbound and 34 mph outbound. Based on this information, Police enforcement is warranted for inbound and outbound traffic at these speeds.

NB: It has since been established that the detection range of the SID is up to 200 metres and that the device was therefore detecting vehicles while they were still in the 50 mph speed limit area. As a result, the report for this period does not accurately reflect the speed of traffic once it was within the 20 mph limit area. Following consultation with the manufacturer, the SID will need to be adjusted so that its detection range is reduced when it is located at the same site and pointing in the same direction, in future.

**Period 23rd October - 4th November 2020**

The SID sign was then turned around so that drivers heading out of the village could now see their speeds displayed by the SID. The detection range was entirely within the 20 mph speed limit zone. Please note that references in PDF reports to ‘incoming’ refer to traffic approaching the SID while ‘outgoing’ refers to traffic passing in the opposite direction. Drivers leaving the village were travelling at an average speed of 22.18 mph while those entering averaged 24.4 mph. Maximum speeds were 56 mph leaving the village and 64 mph entering the village. Vehicle volumes were lower, averaging 283 per day leaving the village and 295 entering. While the period covered the start of the second lockdown, the reduction in volumes is also affected by the shorter reporting period including two weekends. This highlights fact that the majority of drivers using this road are week-day users (commuters, people at work or school-run drivers). The percentage of outbound drivers travelling at 26 mph or less increased to 81.86% and the percentage of drivers entering the village at speeds of up to 26 mph was 68.29%. The recorded speed of the 85th percentile of drivers who could see the sign was 27 mph. The equivalent statistic for outbound drivers was 29 mph. Any 85%ile speed higher than 24.1 mph is still too high for a 20 mph zone and warrants Police enforcement.

**Period 8th November – 3rd December 2020**

The SID was rotated again so that it was now back facing traffic entering the village from Homington and Nunton. The anomaly regarding the detection range had yet to be identified at this time. The average speed of drivers entering the village was 23.83 mph, while drivers leaving the village averaged 27.86 mph. Maximum speeds were again much higher than the preceding period, since the SID was detecting vehicles in the 50 mph zone. Traffic volumes during this period increased slightly but remained below the initial statistics for this site, possibly as a result of lockdown restrictions. The percentage of drivers entering the village at speeds below 26 mph was 70.26%. Without the deterrent of the SID, the percentage of drivers leaving the village below 26 mph was 47.44%. Both statistics are a marginal improvement over the initial period notwithstanding the anomaly of the SID’s detection range in this position. The 85th percentile speed indicator improved marginally for incoming traffic.

The period from 23rd October to 4th November is the most accurate reflection of traffic speeds at this location according to SID data. We will ensure to modify the SID’s detection range so that in future, speeds are recorded accurately at this site regardless of the direction in which the SID is facing.

The SID was at this site for a total of 66 days which was much longer than anticipated. It was not, however, possible to relocate the SID once the second lockdown commenced. The SID nevertheless provided a means of controlling traffic speeds on the Homington Road at Tottens Farm during lockdown. It should be noted that CSW speed checks at this location consistently record the highest number of speeding and excessively speeding drivers per total number of vehicles of all CSW sites in our community.

The Coombe Bissett Community Speed Watch (CSW) team continued to conduct speed checks up until 4th November 2020 following which activity was suspended due to the second lockdown. We are pleased to advise that CSW checks have resumed and we have 3 checks scheduled for the week commencing 14th December 2020.