

# Barcombe Parish Council

## Speed Survey Report – January 2019

From 27<sup>th</sup> Nov to 4<sup>th</sup> Dec 2018, monitoring tools were placed on the key roads around Barcombe at the following locations to count traffic and monitor speed:

- Barcombe Mills Road, by Barcombe Village Hall;
- High St, by Village Shop;
- High St, by Hillside access;
- School Hill, just north of Deans Meadow.



### Traffic Speed

It was found that 85% of traffic went at or below the speeds below. This is calculated as the average 85th percentile speed over twenty four hours.

In other words, 85 out of 100 vehicles went at or below the following speeds (in miles per hour):

|                                     | Northbound | Southbound |
|-------------------------------------|------------|------------|
| Barcombe Mills Road by Village Hall | 40 mph     | 38 mph     |
| High Street by Village Shop         | 23 mph     | 25 mph     |
| High Street by Hillside             | 34 mph     | 36 mph     |
| School Hill                         | 30 mph     | 33 mph     |

The 85th percentile speed is the speed at, or below, which 85 percent of the traffic is travelling, or viewed another way, the speed that only 15 percent of drivers exceed. This is the traffic engineering industry standard for setting the regulatory speed limit. The mean (average) speed recorded by the survey provides a good overall indication of the speed environment, but it does not give a good indication of how many drivers may be exceeding the legal speed limit by a significant amount.

The average speed over 24 hours on average was recorded as:

|                                     | Northbound | Southbound |
|-------------------------------------|------------|------------|
| Barcombe Mills Road by Village Hall | 33 mph     | 32 mph     |
| High Street by Village Shop         | 18 mph     | 20 mph     |
| High Street by Hillside             | 28 mph     | 31 mph     |
| School Hill                         | 24 mph     | 27 mph     |

## Traffic Count

The number of vehicles at each point was also counted.

The counts at Barcombe Mills Road by the Village Hall and High Street by the Village Shop and Hillside all found that the peaks of weekday traffic were between 8am and 9am and 4pm and 5pm, while at the weekend, there was one peak between 12noon and 1pm. However on School Hill, the peaks of weekday traffic were between 8am and 9am and 3pm and 4pm, while at the weekend, the peak was between 11am and 12noon.

The number of vehicles counted at each of these peak times can be found in the next table. This shows the average number of vehicles both ways at the count points (all figures are an average per day):

|              | Weekday<br>8am-9am | Weekday<br>4pm-5pm | Weekend<br>12noon-1pm | Total weekday<br>from 7am- 7pm | Total weekend<br>from 7am- 7pm |
|--------------|--------------------|--------------------|-----------------------|--------------------------------|--------------------------------|
| Village Hall | 323                | 293                | 170                   | 2466                           | 1417                           |
| Village Shop | 304                | 276                | 159                   | 2441                           | 1375                           |
| Hillside     | 360                | 279                | 159                   | 2507                           | 1366                           |

|             | Weekday<br>8am-9am | Weekday<br>3pm-4pm | Weekend<br>11am-2noon | Total weekday<br>from 7am- 7pm | Total weekend<br>from 7am- 7pm |
|-------------|--------------------|--------------------|-----------------------|--------------------------------|--------------------------------|
| School Hill | 94                 | 101                | 105                   | 1040                           | 774                            |

The full report and data set from East Sussex County Council can be found on the Barcombe PC website.