

## **Analysis of Speed Indicator Device (SID) data for September 2020**

The SID was located on Bluntisham Road facing towards Bluntisham from Saturday the 5<sup>th</sup> of September until Tuesday the 22<sup>nd</sup> of September. *(Note that the SID collects data not only from approaching vehicles but also from those travelling in the opposite direction; in the case of departing vehicles the SID does not display the speed of the vehicle.)*

18,309 vehicles were recorded on the road over the period, an average of 1,077 per day, with more than one in three (34.8%) exceeding the 30 mph speed limit. Almost one in six vehicles (15%) were recorded as travelling above 33 mph. The average speed over the 17 days was 29 mph.

The busiest times were weekdays between 8am & 9am with an average of 99 vehicles recorded each hour and weekdays between 4.30pm & 6pm, with an average of 93 vehicles per hour.

Overall, Thursday & Fridays were the busiest days of the week for traffic.

### **Vehicles approaching from Bluntisham**

Over the period, 8,651 vehicles were recorded, an average of 510 per day. Just under one in three (32.5%) were exceeding the 30 mph limit with almost one in six (15%) recorded at 33 mph or higher. The average speed was 29 mph.

### Speeding "Hot Spots"

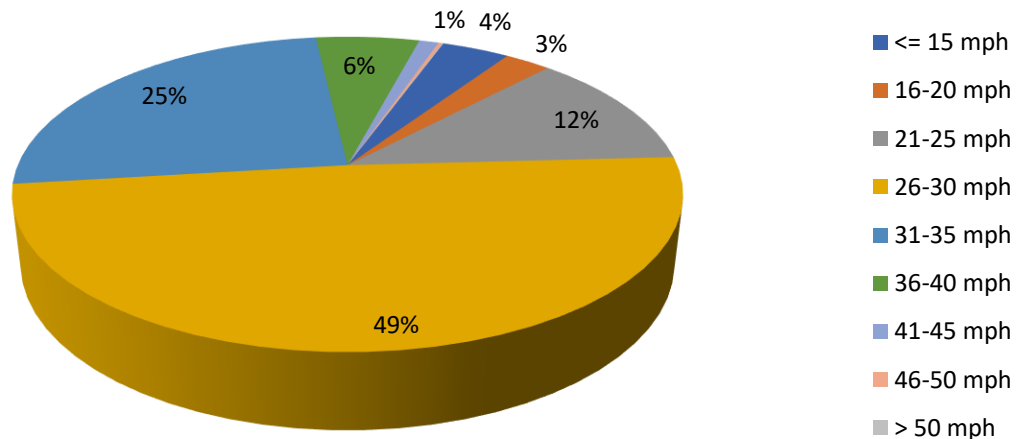
Between the hours of 6am and midnight, there were eight half hour periods during which the average speed exceeded 32 mph. Six of those eight half hour periods occurred between 9.30pm & 11.30pm on weekdays.

### Traffic "Hot Spots"

On weekdays, an average of 545 vehicles was recorded each day; Friday was the busiest day and Monday the quietest, although the variation from day to day was less than 7%. Weekend traffic was lighter with, on average, 483 vehicles being recorded on Saturdays and 399 on Sundays.

On weekdays, the busiest period was between 5pm & 5.30pm with, on average, 25 vehicles being recorded during that 30 minute period. At the weekend, Saturdays from 4.30pm to 5pm was busiest with 26 vehicles passing in that 30 minute period.

The diagram, below, shows the distribution of vehicle speeds arriving from Bluntisham:



### **Vehicles departing towards Bluntisham**

*(The speed of vehicles travelling towards Bluntisham is not displayed to the driver and so the presence of the SID is likely to be less of a deterrent for these vehicles.)*

Over the period, 9,621 vehicles were detected, an average of 567 per day. More than one in three (37%) were travelling in excess of the 30 mph limit with almost one in six (15%) exceeding 33 mph. The average speed was 29 mph.

### Speeding “Hot Spots”

The incidence of speeding was spread fairly equally across all time periods with no “hot spots”.

### Traffic “Hot Spots”

On weekdays, an average of 610 vehicles was recorded each day; Thursday was the busiest day and Monday the quietest although, again, the variation from day to day was less than 7%. Weekend traffic was lighter with, on average, 541 vehicles being recorded on Saturdays and 430 on Sundays.

On weekdays, the busiest period was between 8am & 8.30am with, on average, 34 vehicles being recorded during that 30 minute period. At the weekend, the half hour between 9.30am & 10am was busiest on both Saturdays & Sundays with an average of 26 vehicles passing in that period.

The diagram, below, shows the distribution of vehicle speeds heading towards Bluntisham:

