

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

The SID was located on the B1050 just south of the junction with the High Street, pointing south towards Tidley Cross, between June 9<sup>th</sup> & June 30<sup>th</sup>. *(Note that the SID collects data not only from approaching vehicles but also from those travelling in the opposite direction; in the case of vehicles approaching from the opposite direction the speed is not displayed to the driver.)*

23,624 vehicles were recorded on the road over the period, an average of 1,141 per day, with 55.7% exceeding the 30 mph speed limit. The busiest times of day were weekdays between 7am & 8am with an average of 105 vehicles being recorded and weekdays between 4.30pm & 5.30pm, also with an average of 105 vehicles recorded.

The weekday figures are down by over 18% on the numbers recorded on the same stretch of road in February & March, presumably because lockdown had not been wholly lifted. The percentage of vehicles exceeding the speed limit stayed the same as in February & March.

### **Vehicles approaching from Tidley Cross**

Over the period, 10,853 vehicles were recorded, an average of 524 per day. 49% were travelling in excess of the 30 mph limit. The average speed was 31 mph and the 85<sup>th</sup> percentile speed was 37 mph. *(The 85<sup>th</sup> percentile speed is the speed at which or below 85% of vehicles are travelling and is a statistic commonly used by road engineers to help in setting speed limits.)*

1 in 10 vehicles were travelling faster than 38 mph while 1 in 20 exceeded 40 mph.

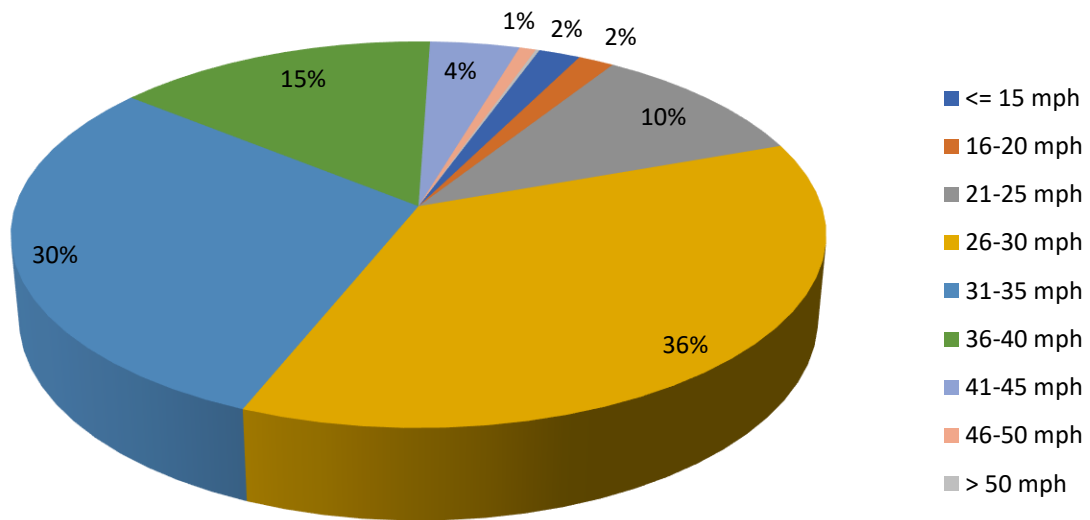
### Traffic "Hot Spots"

Traffic was busier during the week, with an average of 562 vehicles per weekday, dropping to 472 on Saturdays and 399 on Sundays. The busiest period was on weekdays between 4.30pm & 5.30pm with, on average, 64 vehicles per hour being recorded.

### Speeding "Hot Spots"

Over the whole period, there were 26 half hour periods between 6am & 11pm during which the average speed exceeded 33 mph; 10 were on weekdays in the early morning, 6 were on weekdays in the evening, 4 were at the weekend in the early morning & 6 were at the weekend in the evening.

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



#### **Vehicles departing towards Tidley Cross**

*(The speed of vehicles travelling towards Tidley Cross 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, 12,830 vehicles were recorded, an average of 620 per day. Over 61% were travelling in excess of the 30 mph limit. The average speed was 32 mph and the 85<sup>th</sup> percentile speed was 37 mph. *(The 85<sup>th</sup> percentile speed is the speed at which or below 85% of vehicles are travelling and is a statistic commonly used by road engineers to help in setting speed limits.)*

1 in 10 vehicles were travelling faster than 38 mph while 1 in 20 exceeded 40 mph.

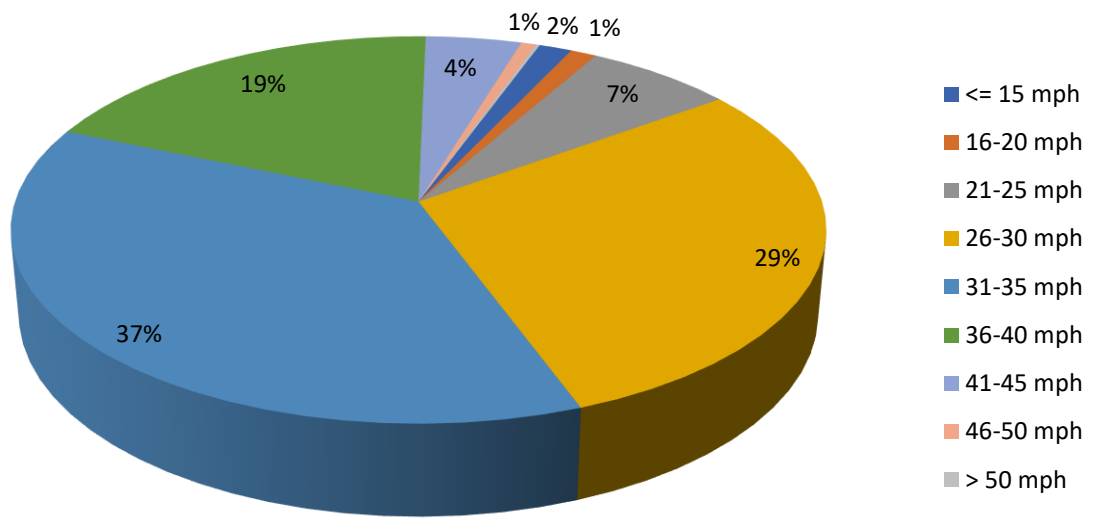
#### Traffic "Hot Spots"

Traffic was busier during the week, with an average of 681 vehicles per weekday, dropping to 537 on Saturdays and 455 on Sundays. The busiest period was on weekdays between 7am & 8am with, on average, 42 being seen between 7am & 7.30am and 37 between 7.30am & 8am.

#### Speeding "Hot Spots"

Over the whole period, there were 94 half hour periods between 6am & 11pm during which the average speed exceeded 33 mph; 36 were on weekdays in the early morning, 30 were on weekdays in the evening, 13 were at the weekend in the early morning & 15 were at the weekend in the evening.

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



**(For report to Parish Council but not for the CPC web-site)**

Between June 9<sup>th</sup> & 30<sup>th</sup>, 20 vehicles were recorded travelling above 60 mph:

Departing towards Tidley Cross

75 mph recorded on Sunday 21<sup>st</sup> June at 6.30pm  
71 mph recorded on Thursday 18<sup>th</sup> June at 8.52pm  
69 mph recorded on Friday 12<sup>th</sup> June at 11.25am  
66 mph recorded on Thursday 18<sup>th</sup> June at 4.10pm  
66 mph recorded on Thursday 25<sup>th</sup> June at 5.53pm  
65 mph recorded on Friday 12<sup>th</sup> June at 11.25am  
65 mph recorded on Saturday 13<sup>th</sup> June at 5.28pm  
64 mph recorded on Saturday 13<sup>th</sup> June at 5.28pm  
63 mph recorded on Sunday 21<sup>st</sup> June at 6.30pm  
63 mph recorded on Saturday 27<sup>th</sup> June at 1.29pm  
62 mph recorded on Thursday 18<sup>th</sup> June at 8.52pm  
61 mph recorded on Friday 19<sup>th</sup> June at 3.45pm  
61 mph recorded on Wednesday 24<sup>th</sup> June at 9.13pm  
61 mph recorded on Thursday 25<sup>th</sup> June at 5.53pm  
61 mph recorded on Tuesday 30<sup>th</sup> June at 2.38am

Arriving from Tidley Cross

64 mph recorded on Thursday 25<sup>th</sup> June at 3.16am  
62 mph recorded on Wednesday 10<sup>th</sup> June at 8.15pm  
62 mph recorded on Monday 22<sup>nd</sup> June at 8.01pm  
61 mph recorded on Wednesday 17<sup>th</sup> June at 5.52am  
61 mph recorded on Tuesday 9<sup>th</sup> June at 4.10pm