

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

The SID was located on the B1050 just before the build-out on the way to Earith, facing towards Tidley Cross between July 29<sup>th</sup> & August 17<sup>th</sup>. (Note that the SID collects data not only from approaching vehicles but also from those departing in the opposite direction; in the case of departing vehicles the speed is not displayed to the driver.)

28,176 vehicles were recorded on the road over the period, an average of 1,467 per day, with more than one in three (36.51%) exceeding the 30 mph speed limit. Almost one in six vehicles (15%) were recorded as travelling in excess of 35 mph.

The busiest times were weekdays between 7am & 8am with an average of 122 vehicles recorded each hour and weekdays between 4pm & 5.30pm, with an average of 105 vehicles per hour. On Saturdays there was an average of 90 vehicles per hour detected between 11am & 4pm while traffic on Sundays peaked also at around 90 vehicles per hour around lunchtime.

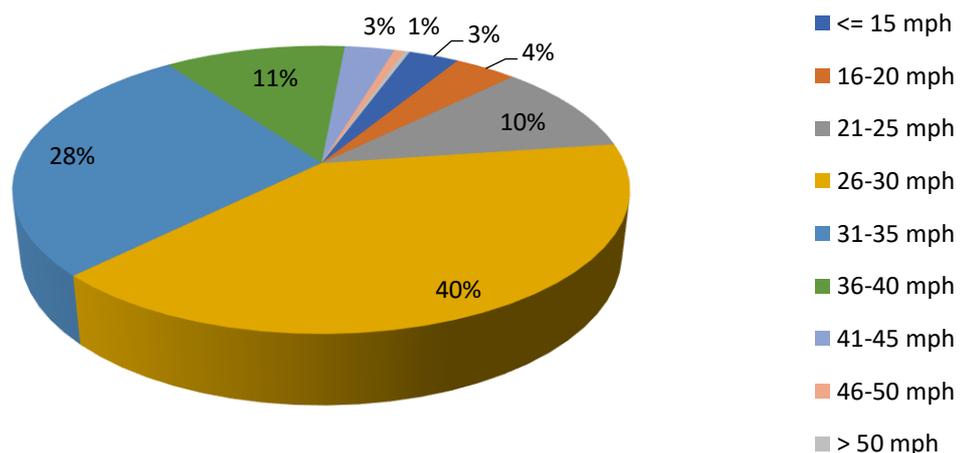
### Vehicles approaching from Tidley Cross

Over the period, 12,726 vehicles were recorded, an average of 662 per day. Close of half of all vehicles (43%) were travelling in excess of the 30 mph limit with almost one in six (15%) recorded as travelling in excess of 36 mph and one in twenty exceeding 40 mph.

### Traffic "Hot Spots"

Traffic was busier during the week, with an average of 724 vehicles per weekday, dropping to 593 on Saturdays and 484 on Sundays. The busiest period was on weekdays between 6.30am & 8am with, on average, 79 vehicles per hour being recorded. The busiest day was Monday with an average of 86 vehicles per hour during the morning rush hour. At the weekend the busiest period was around lunchtime with traffic reaching a peak of 50 vehicles per hour on Saturdays.

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



### Vehicles departing towards Tidley Cross

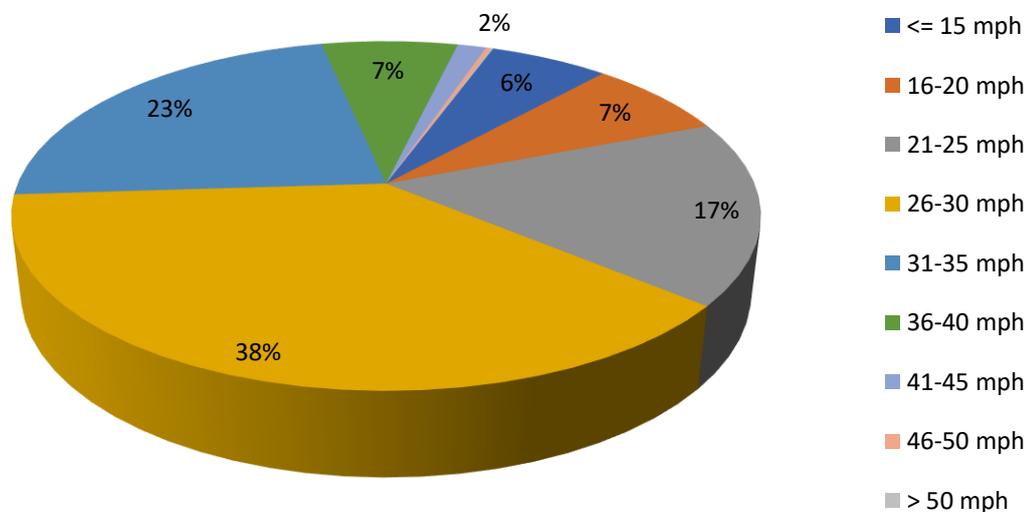
*(The speed of vehicles travelling towards Tidley Cross is not displayed to the driver and so the presence of the SID is likely to be less of a deterrent for these vehicles.)*

Over the period, 15,450 vehicles were detected, an average of 805 per day. Almost one in three (31.6%) were travelling in excess of the 30 mph limit with almost one in six (15%) exceeding 34 mph. The average speed was 28 mph.

### Traffic "Hot Spots"

On weekdays, an average of 876 vehicles was recorded each day; this fell to 696 on Saturdays and 578 on Sundays. The busiest period was on weekdays between 4.30pm & 5.30m with, on average, 94 vehicles being recorded during that 60 minute period.

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



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

*Between July 29<sup>th</sup> & August 17<sup>th</sup>, 10 vehicles were recorded travelling above 65 mph; the highest speed recorded was 89 mph at 7.11am Thursday 30<sup>th</sup> July :*

*Arriving from Tidley Cross*

*89 mph recorded on Thursday 30<sup>th</sup> July at 7.11am*

*72 mph recorded on Saturday 1<sup>st</sup> August at 7.08pm*

*71 mph recorded on Friday 14<sup>th</sup> August at 10.18pm*

*70 mph recorded on Sunday 16<sup>th</sup> August at 11.03pm*

*69 mph recorded on Tuesday 4<sup>th</sup> August at 6.10am*

*68 mph recorded on Monday 3<sup>rd</sup> August at 7.11pm*

*67 mph recorded on Friday 7<sup>th</sup> August at 5.39am*

*66 mph recorded on Friday 31<sup>st</sup> July at 10.01pm*

*66 mph recorded on Saturday 15<sup>th</sup> at 4.28am*

*Departing towards Tidley Cross*

*67 mph recorded on Sunday 9<sup>th</sup> August at 1.43pm*