

Analysis of Speed Indicator Device (SID) data for February 2020

The SID was located on the B1050 just north of Tidley Cross, pointing towards Earith, between February 3rd & 21st. (Note that the SID collects data not only from approaching vehicles but also from those travelling in the opposite direction; in the case of those vehicles, the speed is not displayed.)

30,918 vehicles were recorded on the road over the period, an average of 1,702 per day, with 36.5% exceeding the 30 mph speed limit. The busiest times of day were in the morning between 7am & 8am with an average of 162 vehicles each hour and in the afternoon between 4.30pm & 5.30pm with an average of 153 vehicles per hour. (These averages are slightly lower than they would have been had it not been for the half term break which occurred during the period.)

Vehicles approaching from Earith

Over the whole period, 14,944 vehicles were recorded, an average of 821 per day. 27.2% were travelling in excess of the 30 mph limit. The average speed was 28 mph and the 85th percentile speed was 33 mph. (The 85th percentile speed is the speed at which 85% of vehicles were travelling at, or below and is a statistic commonly used by road engineers to help in setting speed limits.)

1 in 10 vehicles were travelling faster than 34 mph while 1 in 20 exceeded 36 mph.

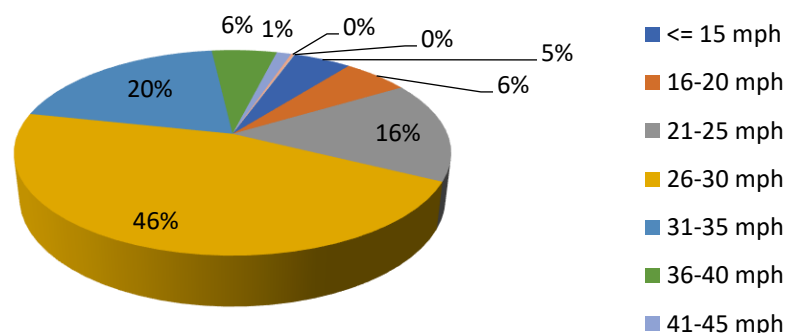
Traffic "Hot Spots"

Traffic was busiest during the week, with an average of 897 vehicles per weekday, dropping to 628 on Saturdays and 412 on Sundays. The busiest period was on weekdays between 4pm & 6pm with, on average, 94 vehicles per hour being recorded.

Speeding "Hot Spots"

Outside of the hours between 11pm & 6am, there were no half hour periods in which the average speed exceeded 30 mph; however, the 85th percentile speed exceeded 34 mph in each of the half hour periods between 8.30pm & 11pm.

The diagram, below, shows the distribution of vehicle speeds heading towards Colne from Earith:



Vehicles departing to Earith

(The speed of vehicles travelling towards Earith is not displayed - and could not be seen by drivers anyway - and so the presence of the SID is likely to be less of a deterrent for these vehicles.)

Over the whole period, 15,974 vehicles were recorded, an average of 881 per day. 45.7% were travelling in excess of the 30 mph limit. The average speed was 29 mph but the 85th percentile speed was 36 mph.

1 in 10 vehicles were travelling faster than 37 mph while 1 in 20 exceeded 40 mph.

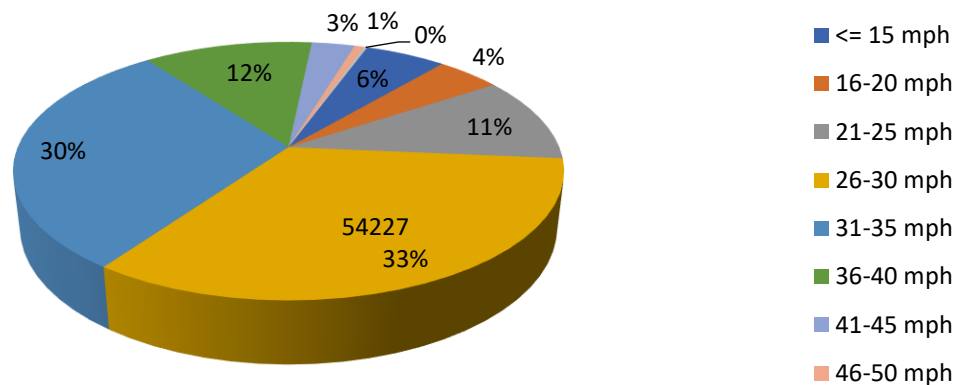
Traffic "Hot Spots"

On average, 980 vehicles were recorded each weekday dropping to 701 on Saturdays and 445 on Sundays. The busiest period was on weekdays between 6.30am & 9am, peaking at 7.15am.

Speeding "Hot Spots"

Outside of the hours between 11pm & 6am, there were no half hour periods in which the average speed exceeded 30 mph. The 85th percentile speed exceeded 34 mph in four half hour periods: these were 6am to 6.30am, 7am to 7.30am, 12.30pm to 1pm & 1pm to 1.30pm.

The diagram, below, shows the distribution of vehicle speeds heading from Colne towards Earith:



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

From February 3rd to February 21st, 19 vehicles were recorded travelling at or above 62 mph:

Travelling towards Colne

63 mph recorded on Monday 10th February at 04.39

65 mph recorded on Monday 10th February at 16.32

66 mph recorded on Friday 14th February at 16.32

Travelling towards Earith

68 mph recorded on Wednesday 5th February at 05.27

67 mph recorded on Wednesday 5th February at 05.29

63 mph recorded on Thursday 6th February at 22.22

80 mph recorded on Friday 7th February at 20.23

83 mph recorded on Saturday 8th February at 18.00

65 mph recorded on Saturday 8th February at 20.16

65 mph recorded on Sunday 9th February at 12.21

64 mph recorded on Friday 14th February at 04.59

62 mph recorded on Friday 14th February at 05.28

63 mph recorded on Friday 14th February at 05.31

63 mph recorded on Saturday 15th February at 05.04

65 mph recorded on Sunday 16th February at 05.13

63 mph recorded on Wednesday 19th February at 05.19

73 mph recorded on Thursday 20th February at 00.11

65 mph recorded on Thursday 20th February at 16.33

62 mph recorded on Friday 21st February at 05.30