

Bradenham vehicle speed survey 2024

The Bradenham vehicle speed survey started in April and concluded in September. Data was collected from thirteen sites on Church Street, Hale Road and School Road; it has not been possible to include Mill Street in this survey due to the ongoing objection by a resident. Each site was surveyed for a 14 day period with Sundays being the designated day for data collection.

The program used to analyse the recorded data produces a great deal of material. This has been condensed into the most relevant points. Included in the table below are: date of data collection; location; total vehicle count; 85th percentile speed (the figure that is used to determine speed limits); average speed; maximum speed recorded; percentage and average speed of speeds in excess of 30mph and, likewise, 35mph which is the Norfolk Police prosecution speed.

Results

As can be seen from the table, most of the results from all sites are remarkable similar. As would be expected, the highest percentage of speeders is at HR01EB (at the entrance to the village from Holme Hale adjacent to Southend) and (unsurprisingly) the lowest are HR04EB, HR04WB (by the Lord Nelson) and SR01NB (School Road going towards the ford). Of particular concern is the high percentage of speeders (33%) at CS01EB (Church Street, approaching St Mary's Church heading towards Shipdham).

Peak times for speeding are the morning and evening commuting periods ie. 08.00 - 09.00 and 17.00 - 18.00.

Despite the variations in the overall average speeds and percentages, the averages of those over 30mph (33 - 34) and 35mph (37 -38) are very similar across all sites. Similarly, the recorded maximum speeds are consistent, apart from School Road. It must be noted that speeds are presented in 5mph 'blocks' so it is not possible to determine an exact speed.

Conclusions

Whilst Bradenham does not have a severe speeding problem, there are a significant number of vehicles that exceed the 30mph speed limit with a lesser number exceeding the prosecution threshold of 35mph. The average of this group is around 38mph or 27% above the speed limit illustrating that the impression of the village residents that there is a speeding problem is justified.

Results table

<u>DATE</u>	<u>LOCATION</u>	<u>TOTAL</u>	<u>85th</u>	<u>Av</u>	<u>Max</u>	<u>% over 30</u>	<u>Av over 30</u>	<u>% OVER 35</u>	<u>Av over 35</u>
Data collect		veh	mph	mph	mph		mph		mph
16/04/2024	CS01WB	9839	31.90	27.20	50.00	22.60	33.30	3.40	38.30
28/04/2024	CS02WB	8154	30.90	26.30	55.00	18.00	33.50	2.80	38.90
12/05/2024	HR01EB	9685	33.80	30.10	55.00	35.90	33.80	8.60	37.80
26/05/2024	HR02EB	7358	32.20	26.80	55.00	23.60	33.60	4.60	38.20
08/06/2024	HR03EB	8639	31.80	26.30	55.00	22.00	33.70	4.00	38.70
23/06/2024	HR04EB	8513	29.70	25.20	55.00	12.80	33.40	1.90	38.50
07/07/2024	HR04WB	7824	29.50	24.80	50.00	10.80	33.00	1.10	37.80
21/07/2024	HR03WB	7427	32.10	26.70	60.00	23.20	33.80	4.90	38.60
04/08/2024	HR02WB	8098	32.70	26.30	60.00	27.20	34.00	6.70	38.80
18/08/2024	CS02EB	9675	30.30	26.10	50.00	16.30	33.30	2.10	38.10
01/09/2024	CS01EB	8384	33.50	28.20	60.00	33.40	34.00	7.90	38.80
15/09/2024	SR01SB	2270	30.00	24.90	45.00	14.90	33.30	2.20	38.20
29/09/2024	SR01NB	2016	29.10	23.70	45.00	8.30	33.40	1.30	38.60

Locations schematic

CS01: approach to St Mary's Church

CS02: adjacent to Green Farm

HR01: adjacent to Southend

HR02: between entrance to football club and Tufts entrance

HR03: adjacent to Nelson Close

HR04: adjacent to Lord Nelson

SR01: School Rd

MS01: Mill St

Black circle offset indicates on which side of the road the sign is located.

